HOLSTEIN-FRIESIAN WORLD

TRADE MARK REG.

VOL. XV. COMBINING NO. 46

Published Every Week. Black and White Record Price $1.00 Per Year

NOVEMBER 16, 1918

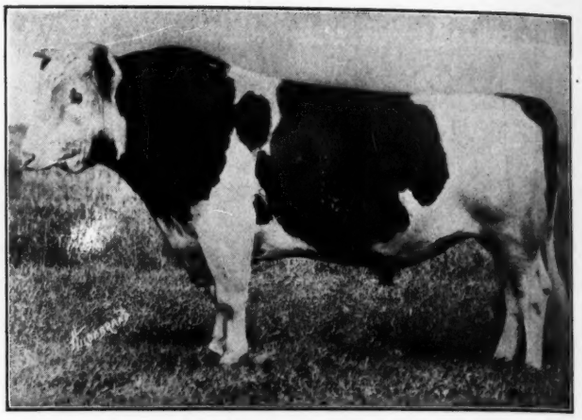
Application made at the Lacona, N. Y., postoffice for entry as second class matter.

King Sadie Vale Supreme

READY FOR SERVICE

—His Sire—

King Korndyke Sadie Vale



Known from coast to coast as the greatest sire of his age. The sire of no less than 35 A. R. O. daughters, five of them above 30-lb., one above 40-lb. as a 3-yr-old. He is the only bull in the world with a 40-lb. dam and a 40-lb. daughter. He is the only bull with a 40-lb. dam, a 40-lb. sister and a 40-lb. daughter, and he is the only bull with a 40-lb. daughter with an average of over 39-lb. for his two nearest dams.

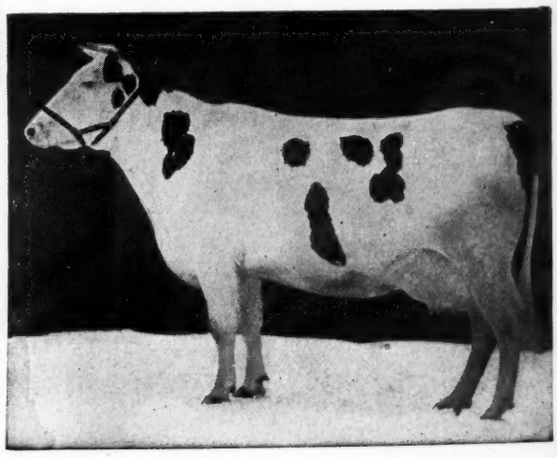
TO BUY THIS BULL
IS TO OWN ONE OF
THE RICHEST BRED
SIRES OF THE BREED

—The Bull—

His 2 nearest dams average	40.72
His 3 nearest dams average	38.18
His 4 nearest dams average	38.90
His 5 nearest dams average	38.56
His 6 nearest dams average	37.24
His 8 nearest dams average	37.23
His 9 nearest dams average	36.50
His 10 nearest dams average	35.81

—His Dam—

K. K. S. V. Topsy



K. K. S. V. Topsy is the only 3-yr-old in the world that ever made over 40-lb. butter after dropping twin calves. Her record is 40.38-lb. butter from 568.4-lb. milk. She is sired by King Korndyke Sadie Vale and is from a 33-lb. cow that is by a son of the first 37-lb. cow and is a sister to the first 40-lb. heifer, Mabel Segis Korndyke.

The Price is in Keeping With His Quality But He is Absolutely the Best Bred Bull on the Market Today.

Brothertown Farms

QUENTIN McADAM **UTICA, N. Y.** **23 South Street**

For Sale

By Private Treaty

75 High Class Healthy Holstein Females

The Beaver Dam Herd has reached such proportions that it can no longer be comfortably maintained within its present housing quarters and this is the first opportunity any breeder has ever had to come and select from

Seventy-five of Our Clean, Healthy, High Class
Young, Well Bred Females

They are the surplus of a great producing herd and in calf to sires of proven worth. Do not ask for details. Visit the herd and see for yourself.

Beaver Dam Farm **Montgomery, N. Y.**

Julius Schmid, Owner

HIS 40-lb. FULL SISTER

A Full Sister to our Herd Sire

KING PONTIAC KONIGEN

The Only Living Sire with Two Daughters Under Full Age Averaging 40 lb.

King Pontiac Konigen is a son of King of the Pontiacs (28 30-lb. daughters) from Diona Konigen Pietertje, a 37-lb. cow and dam of two daughters both above 36 lbs. He is a full brother to K P Diona Pietertje, with a record of 40.12 lb. and she the dam of King Segis Pontiac Konigen and Majestic Rag Apple both of which sold for $35,000 each.

One of his daughters holds the world champion junior 4-year-old record and three others have made better than 30-lb. He with his sire and grandsire are the only three direct generations of sires each of which have sired a 30-lb. daughter.

We are in a position to offer sons of this sire.

WOODLAWN DAIRY **LINCOLN, NEB.**

Pontiac
Aaggie
Korndyke

The Long Distance Pair

Ten of Their Daughters
Have Produced
in ONE YEAR

Friend
Hengerveld
De Kol
Butter Boy

12,047 lb. Butter **234,443 lb. Milk**

IT'S THE AVERAGE THAT COUNTS

1204.7 lb. Butter **4.1%** **23443.7 lb.** Milk

No Other Herd Has Two Such Sires at Its Head

Meet Success Through a Maplecrest Bull—

Charts and Information for the Asking

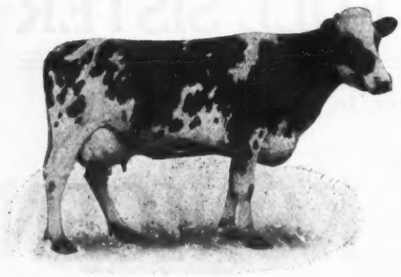
The Maplecrest Stock Farm Co.

CHARDON, OHIO

BETTA LYONS NETHERLAND

HER GRANDSON

Sired by King Joh—FOR SALE



Butter	34.71
Milk	623.00
Butter 30 days	124.37
Milk	2602.40
5 A. R. O. daughters—	
Betta Lyons	30.09
Segis Betta	28.99
Betta Lyons Walker	28.39
Betta Walker	26.20
Betta Lyons Segis	20.02

Grandam of KING LYONS with six 30-lb. daughters.

This young bull was born April 22, 1918. He is nearly all white in color, straight over the back and is the only calf I can offer WITH HIS THREE MATERNAL DAMS ALL ABOVE 30 lbs.

HIS DAM is Betty Lyons that as a junior 4-year-old made 30.09 lb. butter in 7 days and 109.32 lb. butter in a month. She is sired by King Lyons, (6 30-lb. daughters) and he from a 28.60-lb. daughter of Betta Lyons Netherland. The dam's dam is old Betta Lyons Netherland, one of the greatest cows that ever lived. She was the first cow of the breed to twice make better than 34 lb. butter and her dam was Blanche Lyons Netherland with 34.36 lb. butter from 746 lb. milk and 140.18 lb. butter from 3084 lb. milk in 30 days. Betty Lyons carries 62½ per cent of the blood of Betta Lyons Netherland and with her dam and grandam constitute one of the combinations of three direct generations of 30-lb. cows.

HIS SIRE is King Joh, the junior sire at Moyerdale, King Joh is by King Segis Pontiac Alcartra from a 33-lb. daughter of Johanna McKinley Segis, the only 40-lb. son of King Segis.

In the breeding of this calf you will find twelve cows with records of 30 to 40-lb. and average 33.87 lb. You will also find twenty-nine cows with records that average 30.41 lb. Ten of his fifteen nearest dams are all 30-lb. cows.

MOYERDALE FARM

SYRACUSE, N. Y.

H. A. MOYER, Owner JAS. GILLETTE, Supt.

WOODCREST CORNELIA PIETJE

BUY HER SON

Born Feb. 28, 1918

Sired by KING ECHO SYLVIA JOHANNA the sire of Carnation King Sylvia, the only $106,000 bull, King Echo Sylvia Johanna is by a son of May Echo Sylvia from Belle Model Johanna 2d 37.34 lb. His two nearest dams average 39.18 lbs.

The dam, Woodcrest Cornelia Pietje is one of the finest young cows in our herd. As a 3-yr-old she made 25.35 lb. butter, as a junior 4-year-old she made 32.01 lb. butter and within a year made a second record as a senior 4-year-old of 32.26 lb. butter from 508.1 lb. milk. She is sired by Pietje 22d Son, with four 30-lb. daughters, he a son of the greatest cow ever imported, Pietje 22d, 31.62 lb. butter. The dam's dam is A & G Burke De Kol Cornelia with 22.71 lb. butter, she a daughter of the famous De Kol Burke. The dam, Woodcrest Cornelia Pietje is the dam of one 27-lb. 3-yr-old and her own splendid individuality in combination with the great records of May Echo Sylvia and Belle Model Johanna 2d should make her son a highly desirable calf.

We have a number of superior bull calves from six to ten months sired by Champion Echo Sylvia Pontiac from two and three-year-old heifers with splendid records, some running to 23 and 25 lbs. as junior two-year-olds. The present season's crop is coming on fast and we must have room for them. Consequently are offering the above young bulls at very attractive prices. Every one of these calves is a beautiful individual, beautifully marked, straight as a string and very cheap, and will be guaranteed without reserve in any way.

AVONDALE FARM

BROCKVILLE, CANADA

A. C. HARDY, Owner H. LYNN, Herd Manager

"Any of you readers who were at the New York State Fair know what Antrim Farms cows and horses did to distinguish themselves.

"27 first prizes, 5 seconds, 3 thirds and 1 fourth.

"We still have a few Percheron colts and mares for sale and some sons of Finderne Pride Johanna Korndyke from record dams.

"We also have a few imperfect cows to offer.

"Let us hear from you."

ANTRIM FARMS

SYRACUSE, N. Y.

Highest Record Bull In Wisconsin

No other sire in Wisconsin is from such a high record dam as

WOODCROFT PERFECTION 119944

the young son of the wonderful dairy cow, Lady Perfection Korndyke.

This great cow is one of the only two cows in the world to have 40-lb. 7-day records and 1,000-lb. year's records.

She is the only cow in the world with the exception of the dam of the $53,200 bull having two records averaging 38.83 lbs. each, made from over 700 lbs. milk. She is the only cow in the United States having two 30-day records averaging 152.37 lbs. butter, each made from over 3,000 lbs. milk.

In addition, she is the grand champion show cow of her state.

The sire of Woodcroft Perfection is Champion De Kol, a son of the wonderful producer and show cow, Aaggie Pauline Sarcastic (36.35 lbs. butter, 619.9 lbs. milk in seven days).

ISN'T HE YOUR KIND OF A BULL? SERVICE FEE—$150 FOR APPROVED COWS

JOINT OWNERS: AITKEN BROS., BAIRD BROS., S. A. BAIRD & SON, MUCKLESTON BROS., D. J. HOWELL — WAUKESHA WIS.

Are You Satisfied With A Four Flush?

You Ought Not To Be

FOR
1917-1918

FOR
1916-1917

PLAIN FACTS TELL YOU BETTER

The STEVENS HERD stood second for the total sum of prize money won in the regular prize divisions of the Association (Far outclassing all other Eastern Herds).

The STEVENS HERD stood second for the total sum of prize money won in the regular prize divisions of the Association. (Far outclassing all other Eastern Herds).

For the past three years no other herd has averaged to stand as high in the list of money winners.

WE STOOD SECOND AS BREEDERS OF WINNERS OUT DISTANCING ALL OTHER EASTERN HERDS

Don't Classify Us by Our Advertising—We're Different.

Perhaps you have not thought of us just as you should. It is very likely there is no other breeding establishment run like ours. We don't dry them up early and fatten them for the sake of say 60-lb. in a week. We have no secret methods, we have no high salaried fitters and feeders. This is a real dairy farm and not an advertising investment.

If we were less modest we might claim to be the leading Holstein establishment when judged by the production of the cattle we breed and sell. They deliver the goods for us and they will for you.

Spring Farm King Pontiac 6th **OUR ADVANTAGES OVER OTHER BREEDERS** Forty Years Start of Breeding The Best in Holsteins

Both are advantages you can get in your next bull if you come here and look them over. That's your best play.

Est. 1876 **HENRY STEVENS & SON** 175 Head

LACONA, N. Y.

The home of Spring Farm King Pontiac 6th, the bull that puts degree in pedigree.

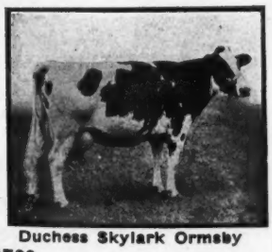
Woodlake Farm

JOHN B. IRWIN, Prop.

Miss Korndyke Maid Ormsby

"Home of the

ORMSBYS"



Duchess Skylark Ormsby

ADDRESS—
STATION F., MINNEAPOLIS, MINN.

Herd Headed by Two of the

Breed's Greatest Sires

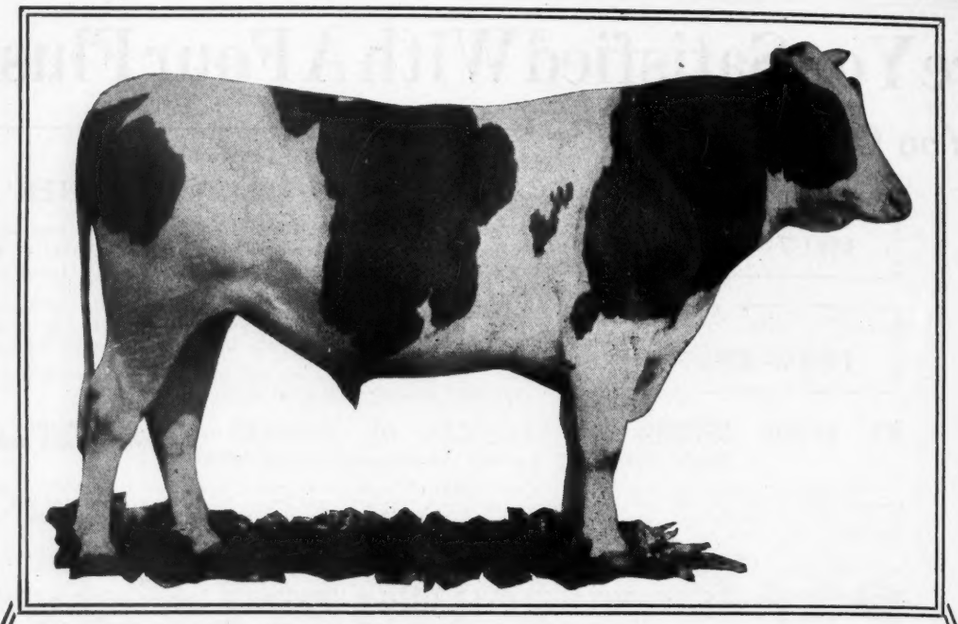
King Korndyke Colantha Ormsby 96546

A son of Colantha Johanna Champion that has five 30-pound daughters and whose dam is that great cow, Colantha 4th's Johanna, the only cow that has ever held all butter records from seven days to a year, the dam of King Korndyke Colantha Ormsby is Miss Korndyke Maid Ormsby whose yearly records are 1,255.63 pounds butter and 25,418.30 pounds milk. She is a daughter of one of the greatest foundation cows and a former world's champion, Pietertje Maid Ormsby.

Sir Ormsby Banostine Champion 166276

Without a doubt one of the best bred long-distance sires. His dam is Duchess Skylark Ormsby, the world's champion yearly butter producer—the only 1,500-pound cow. He is sired by Maplecrest Butter Boy De Kol whose sire and dam's sire each have four daughters whose yearly records average 1,215 pounds butter.

When in need of females or a herd sire, write us your needs. You can get them here and they are the world's record kind.



SPRING FARM KING—Our Herd Sire

The Only Full Brother to the First 44-lb. Cow

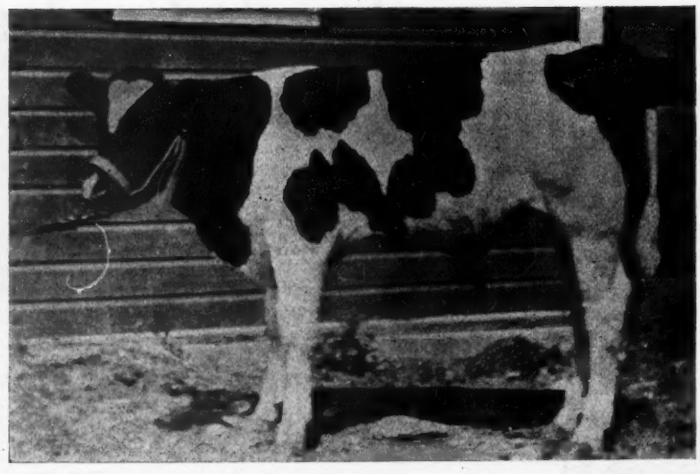
A son of King of the Pontiacs and Tweede De K ol Lass.

One of his sons from a high record cow is what you want ; we have one from a 32 lb. daughter of a 44-lb. cow.

F. M. JONES **SPRING FARM HERD** **CLINTON, N. Y.**

HE IS BRED TO PRODUCE

His Three Nearest Dams Average 30.155 lbs. Butter in Seven Days



Born December 7 1917 Now Ready for Service

SIR SHADELAND BEETS CORNUCOPIA, No. 234616

HIS SIRE

The noted Sir College Cornucopia 2d, whose dam College Belle Wayne, 824.2 lbs. milk and 35.375 lbs. butter in 7 days and 3338.1 lbs. milk and 145.68 lbs. butter in 30 days, held combined milk and butter record when made.

HIS DAM

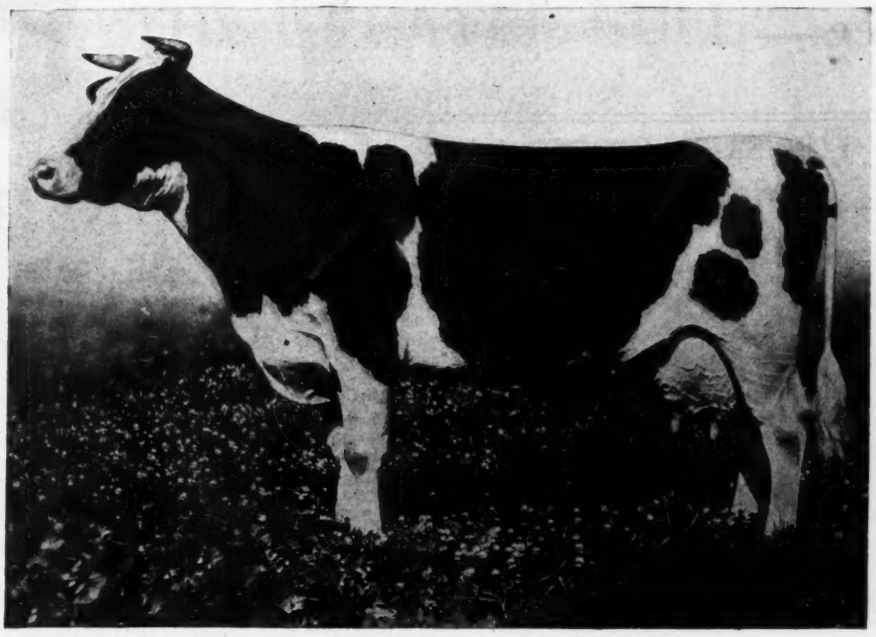
Miss Shadeland Rhoda Beets 558.2 lbs. milk and 27.901 lbs. butter in 7 days from ¾ udder, (2 A. R. O. daughters, one with 28.994 at 3 yrs) is a granddaughter of King Segis.

Write us for Pedigree and Prices.

Westkota Farm Belle Fourche, So. Dak.

M. J. SMILEY, Owner

100% THE SAME BREEDING



MISS KORNDYKE MAID ORMSBY
SIR KORNDYKE ORMSBY LAD

SIR KORNDYKE ORMSBY LAD

Born January 23, 1914

A son of Sir Korndyke Hengerveld De Kol from a FULL SISTER to Pietertje Maid Ormsby, thus he has 100% the same breeding as:

King Korndyke Hengerveld Ormsby
Sir Ormsby Hengerveld Korndyke
Miss Korndyke Maid Ormsby

King Korndyke Hengerveld Ormsby is one of the best known bulls of the breed: Sir Ormsby Hengerveld Korndyke is owned by Arden Farms and Miss Korndyke Maid Ormsby has better than 30-lb. in 7 days and 1255.63-lb. butter from 25,418-lb milk in a year.

The dam of the bull we are offering is Pietertje Hengerveld Maid of Grouw with a record of 23.34-lb. butter in 7 days from 515.3-lb. milk and a year record of 677.5-lb. butter from 16,237.5-lb. milk.

If you want an ORMSBY bull that is a high class sire in every respect, you'd better get in touch with us without delay.

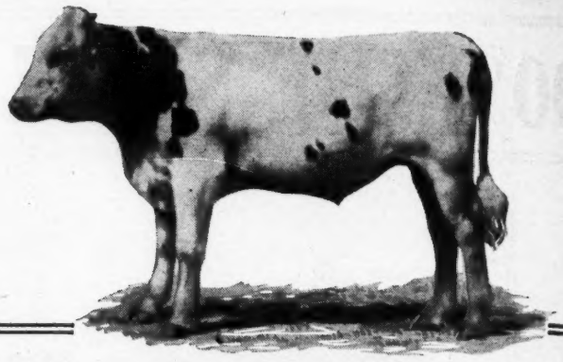
(Remember you cannot buy Finderne Johanna Rue Valdessa, but you can breed your best cow to him).

COLUMBINE HERD

LYTLE, COLORADO

SPENCER PENROSE, Owner W. E. CUSHNER, Mgr.

World's Records In This Bull's Pedigree —



FOR SALE

VON HEIM SIR HARTOG ORMSBY

TWIN No. 214248

The dam is a 31-pound cow of great dairy type and has a number of remarkable records. She has two daughters (twins) that have just made wonderful records both tested at 26 months, and averaging 25.95 pounds butter, 5.2 per cent butterfat. The dam has a 31-pound full four-year-old sister and is by a brother of the sire of Duchess Skylark Ormsby, the world's champion cow for yearly butter production, while her sire is brother to Pietertje Maid Ormsby, twice a world's champion for thirty-day butter production.

The sire has two A. R. O. daughters that at 28 months averaged 25.98 pounds butter, 455.4 pounds milk; one daughter is a 31-lb. heifer at 30 months. He is by the wonderful sire Aaggie Cornucopia Johanna Lad, the best son of the former world's champion Aaggie Cornucopia Pauline, 34.32 pounds butter in seven days, world's record when made and only cow with record above 30 pounds to have 30-pound daughter, granddaughter, great granddaughter, the latter with two 30-pound daughters, each with a 30-pound daughter. The sire's dam is by the great Colantha Johanna Lad, and twice made over 29 pounds butter in seven days.

This bull is mostly white, a faultless individual, and is bound to make a great sire. His sisters are making tremendous records, and the daughters of his dam are by a Colantha bull showing that Von Heim Sir Hartog Ormsby has a remarkably successful nick of breeding in his pedigree. that is bringing desired results.

VON HEIM FARM, KENT, WASH.

J. VON HERBERG, Owner
M. J. WALTHER, Supt.

A NEW NAME IN

HOLSTEIN - FRIESIAN

CIRCLES

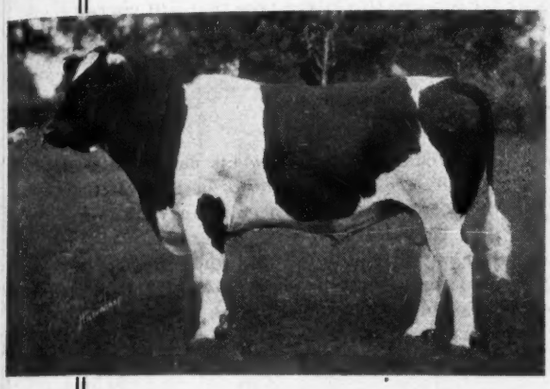
You will recognize it. — It's old in history.

KING OF THE RAG APPLES

"THE GREATER BULL"

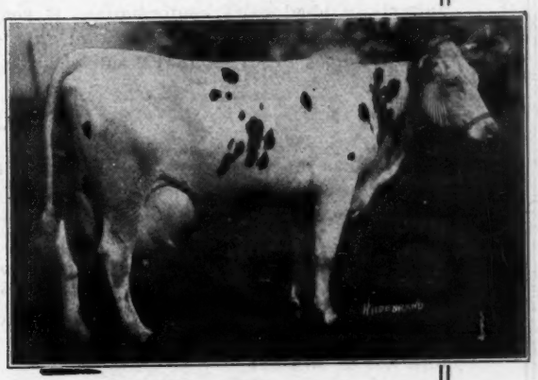
No. 215089

HIS SIRE



RAG APPLE KORNDYKE 8th
"The Greatest Bull in the World"

HIS DAM



SUPERBA PALYMRA
"World's Champion Jr. 3-year-old"

He carries more **blood from World's Champions** than any other bull **living or dead. For eleven generations** he has had a **World's Record** cow or heifer in each generaton as his **direct ancestor. We believe** this statement cannot be truthfully said about any other bull. **He inherits** wonderful producing capacity from these great **World's Champions** which includes **the first** 39-lb. junior three-year-old, **the first** 38-lb. cow, **the first** 37-lb. cow, **the first and second** 26-lb. cows, **the first** cow to produce 30,000 lbs. milk in a year. **The first** 1000-lb. year butter cow, **the first** cow to produce 1000 lbs. butter fat in a year, and many others of nearly equal fame and quality. **He is a brother** to the **only** 42-lb. three-year-old and to the **youngest** 30-lb. cow in the **world. He is the only bull in the world** whose **dam and sister** at the age of 3 years and 5 months, have seven-day official records averaging 40.83 lbs. butter, 672 lbs. milk.

His Daughters Will Be Tested by
COLE & BROOKS

For further information write

CRESCENT VALLEY FARMS

GRANVILLE, N. Y.

Established **Brookside Herd** in 1876

The Fountain Head of Holstein Aristocracy

R. J. STEVENS, Owner, -:- Liverpool, N. Y.

Come to Brookside Herd

and see for yourself the type of cows that make up this herd. Brookside needs no introduction to those who are familiar with Holstein History but right here I want to say that never in all our years of breeding has the herd consisted of animals of such uniformly fine individuals as at present; just the kind every breeder likes to look at—fine top lines, level udders, with well placed teats—in fact animals of ideal dairy conformation. If you are looking for females this is the type that will interest you. If it is young stock that you want, this is the type cows that you want such stock to be from, and when it comes to prices, they'll suit you, too.

If You Want a Bull

I know I can meet your needs. I have three fine sons of King Model and you know his dam is Mabel Segis Korndyke, 40.32 at four years. Two of these young bulls are from daughters of King of the Pontiacs, one with over 28 lbs. from three teats and the other from a 21-lb. first calf dam. The third calf is from a 19.88-lb. cow and her grandam has over 33 lbs. They are all ready for service.
I also have a number of young bulls from my herd sire Sir Pontiac Waldorf Pietje whose dam Lady Waldorf Pietje is just the best cow I ever laid my eyes on. At four years she made 36.31, at five years 35.39 and at three years 32.29 all in junior form. These calves are just the nicest thing you ever saw. I say so and I know you'll agree with me if you look them over and I'll make prices so you can't afford not to own one.

Today is the day to write me—"nuf ced"

Consider This— **POTENTATE** *"He Is All That His Name Implies"*

Potentate is sired by Cornucopia Pontiac Korndyke, one of the few 33-lb. sons of Pontiac Korndyke and now at the head of the herd owned by Abbott & Clark, developers of three 40-lb. cows last season, two of which were the dam and dam's dam of POTENTATE.

Cornucopia Pontiac Korndyke, the sire, is also the sire of Julia Betsy Pontiac with a record of 36.49 lbs., and also of a number of other daughters with very creditable records. With the opportunity he is sure to have, it is only reasonable to expect he will develop into one of the best transmitting sons of Pontiac Korndyke.

Then to have for a dam, a cow of perfect individuality, straight, strong and just as you would like her in every way and in addition to this have a 40-lb. record made from close to 600 lb. milk and enjoying the distinction of being one of the few cows of the breed with a 40-lb. dam.

Such a cow is Leafy Veeman De Kol, the dam of POTENTATE.

But the dam's dam is the cow of cows. Fit to enter any show ring because of her matchless individuality, and wonderful udder development she is just the sort of a dam we would select to produce in the way she has. Just fancy a ten-year-old cow, perfect as a picture, making 43.19-lb. butter from 659 lb. milk and producing a daughter with over 40 lb. butter from almost 600 lb. milk.

Such a cow is Leafy Dawn De Kol, the grandam of POTENTATE.

E. P. & C. J. GEORGE **ARCADY FARM** **Chaffee, N. Y.**

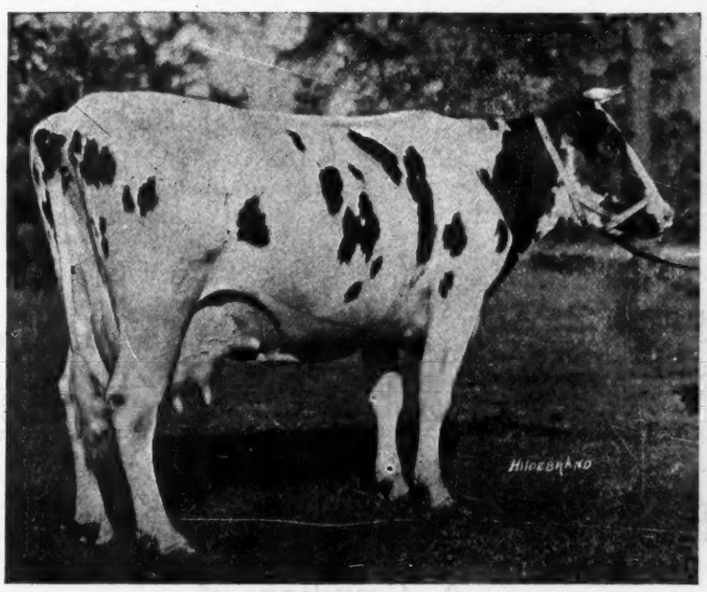
Matchless Superiority

"Matchless Superiority" are strong words. They are words which convey a world of meaning. They are words that should be applied with care. We feel fully justified in their use at this time, and here are a FEW ONLY of the "Reasons Why." First—according to Volume 28 of the Blue Book, there are ONLY THREE 40-lb. cows living that have to their credit a milk production of 825 lbs. in 7 days under official test. Second—ONLY ONE of these three has a 37.44-lb. dam and a 36-lb. sister on the dam's side. Third—ONLY ONE of these three has TWO 40-lb. sisters on the sire's side. Fourth—ONLY ONE of these three, has a FULL BROTHER that is the sire of TWO daughters to average over 40 lbs. of butter in 7 days, and both under full age. Fifth—ONLY ONE of these three is sired by a bull having FIVE sisters that average OVER 40 lbs. of butter in 7 days, and THAT ONE is the great cow, K. P. Diona Pietertje. As an individual she has no superior, hence we feel fully justified in saying

K. P. Diona Pietertje

Butter 40.15
Milk 825 lbs.
in 7 days.

No other cow has TWO sons that have sold for the sum of $35,000 each.



Is the Greatest 40 lb. Cow Living

No other cow carries such a wealth of 40-lb. breeding in her pedigree.

And She's the Dam of

A Better Bull

MAJESTIC RAG APPLE

Than His Sire

After you have fully digested the above facts regarding the dam of Majestic Rag Apple, just remember that he is a son of the Mighty Rag Apple Korndyke 8th, known as "The Greatest Bull in the World." Remember that Rag Apple Korndyke 8th had for his dam a World's Champion cow with a 38-lb. record. That she was sister to a 47, and a 42-lb. cow; that Rag Apple Korndyke 8th is sire of Rag Apple Korndyke Pontiac with a world's record of 42.35 lbs. of butter in 7 days as a Sr. 3-year-old, and that Majestic Rag Apple carries ALL of this World's Championship blood, PLUS a MARVELOUS INDIVIDUALITY. Fellow Breeders, build on this foundation, and you can't go wrong. Book your order for one of his sons, and you will have crossed the sea of uncertainty, into the harbor of safety. Write us TODAY.

NIAGARA MAID FARMS East Aurora, N. Y.

J. T. SHANAHAN, Owner | **W. A. SALISBURY, Mgr.**

DUCHESS SKYLARK ORMSBY
The world's record for yearly butter production. Her figures are 1,506.34 lbs. butter from 27,-761.07 lbs. milk. Her 7-day figures are 34.35 lbs. butter from 588.1 lbs. milk.

A Combination of Champions

Colantha Johanna Champion 45674

Son of Colantha 4th's Johanna

Sir Ormsby Banostine Champion 166276

Son of Duchess Skylark Ormsby

COLANTHA 4th's JOHANNA
Her butter records in all classes were world's records when made. Her figures are:

	But. lbs.	Mk. lbs.
7 days	35.21	651.70
30 days	138.54	2873.6
8m. after calv.	21.6	478.6
365 days	1257	27,432.

WE BELIEVE in the yearly record, the official demonstration of year-in, year-out production. We have sought to get the best yearly record breeding of the world and there is no better combination than that of the first great World's Champion, COLANTHA 4th's JOHANNA, and the present world's Champion, DUCHESS SKYLARK ORMSBY. These two wonderful animals are the foundation cows from which we are building a great herd of yearly producers. And we have 22 cows which average 875.82 pounds of butter and 20,969.8 pounds of milk, all of which have made better than 600 pounds of fat in one year. COLANTHA JOHANNA CHAMPION now has 49 A. R. O. daughters; we have 53 of his daughters, 39 of them not yet in milk. They are being bred to SIR ORMSBY BANOSTINE CHAMPION, and as fast as they freshen they are put on official test for 365 days.

We offer bull calves of this great combination of breeding.

EMBLAGAARD DAIRY **Marquette, Mich.**

Forest City De Kol Nudine

A Grandson of

Friend Hengerveld De Kol Butter Boy

A Brother to

Nina May De Kol of Cooley Farms

3-yr-old—23325.6 milk—1046.36 butter—365 days.
Strictly Official

Sire—Maplecrest Highlawn Cleveland

Dam—Daisy Mahomet Nudine De Kol, 19.86 lb. butter 2 yrs. old.
Now on semi-official and will make 1000 lb. butter.

The Calf—8-mo.-old, mostly white, a fine individual. Write soon.

L. H. Moulton, Farm Supt.

Cleveland City Farm
WARRENSVILLE, OHIO

H. L. Starkey, Charge of Cattle

THE MIGHTY MONARCH

Of Demonstrated Worth

The Segis Fayne Breeding

Few indeed are the breeders who are not fully acquainted with the demonstrated value of the blood of Segis Fayne Johanna as she is handing it down through her daughters and grandsons.

Those of you who have profited by your selection of some of this blood for your herd should have cause for rejoicing because of the recent development in this family.

A third daughter of Segis Fayne Johanna has just made 31 lb. butter.

This new member is Segis Fayne Pietertje that increased her former record of 22.66-lb. to 31.51 lbs.

Segis Fayne Johanna has three daughters with records averaging 37.8 lb. which average is surpassed by but one other cow and she is Vikina Johanna, the dam of Segis Fayne Johanna.

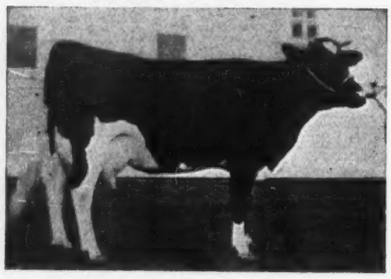
Segis Fayne Johanna and her three daughters have records that average 41.02 lb., which showing is unapproached by any other family in the world.

The Mighty Monarch is a son of the only 47-lb. daughter of Segis Fayne Johanna and is sired by King of the Pontiacs.

BROAD MEADOWS FARMS

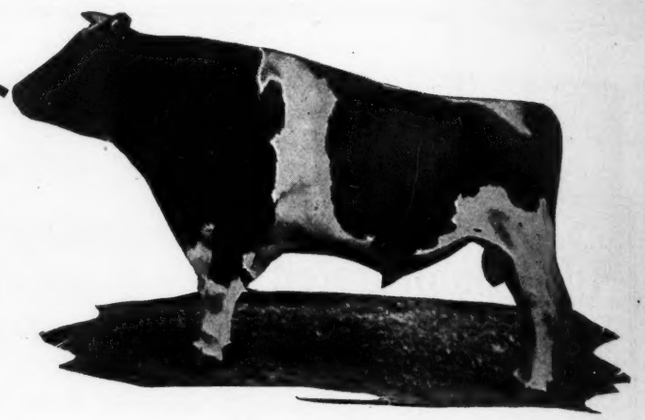
P. T. BRADY
Owner

PAWLING NEW YORK



Queen Piebe Mercedes

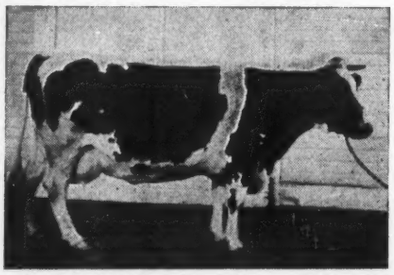
Butter 365 days (4 yrs.) 1,389.45
Milk 30,230.20
(World's records all breeds)



Sir Pietertje Ormsby Mercedes

and his

Five 1000-lb. Daughters



Bess Pietertje Ormsby Mercedes

Butter 365 days (5 yr.)..... 1,235.33
Milk 29,053.20

FACTS AND FIGURES—not wild dreams—have proved beyond a doubt that Sir Pietertje Ormsby Mercedes is the most ideal sire of the breed.

EVERY BREEDER KNOWS the value of type and there is no greater guarantee of type in the world than Sir Pietertje Ormsby Mercedes.

EVERY BREEDER KNOWS that a long time record is a truer indication of production than a seven-day record and Sir Pietertje Ormsby Mercedes has proved beyond a doubt that he is the greatest long-distance sire.

YOU HAVE DECIDED that your next herd sire must be a winner for type—the place to get him is where type is bred from type.

The E. C. Schroeder Farms

Box 576-W **Moorhead, Minn.**

Queen Piebe Ormsby Mercedes

Butter 365 days (4 yr.) 1,136.01
Milk 24,123.10

Colantha Pietertje Lass

Butter 365 days (4 yr.) 1,023.68
Milk 19,921.90

Dinah Pauline Clothilde Ormsby

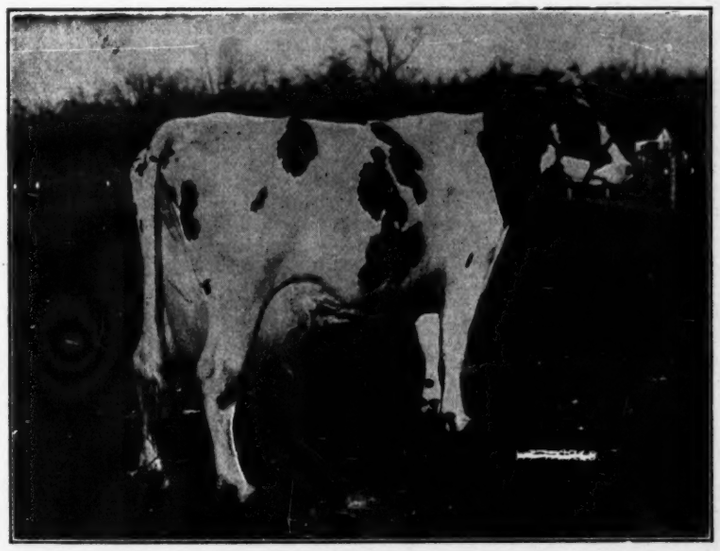
Butter 365 days (4 yr.) 1,146.01
Milk 24,078.10

Holstein-Friesian World

Vol XV Lacona, N. Y., and Syracuse, N. Y., November 16, 1918 No. 46

World's Champion Seven-Day Milk Records

ONE of the most interesting tables of Holstein information ever published is the list of World's Champions for seven-day milk production presented herewith. This table shows in detail the progress of the breed during the past quarter of a century. Especially enlightening is a comparison of the records of the leaders in each class back in 1894 with the records which now stand at the top. Among those records back in the first year of official testing, that of Rosa Bonheur 5th is outstanding. Her figures, which were made in February of 1894, were 726.25 lbs. She was thus the first cow of the breed to make over 700 lbs. of milk in seven days under official supervision, and her figures were so far and away above the general development of the breed at that time, that she was not surpassed by a cow of any age, until 1906, which is twelve years later, when De Kol Creamelle raised the mark some 54 lbs. in 7 days. However, it was not until 1907 that any animal was officially reported with a larger milk record, as the best milk record of De Kol Creamelle did not come in the same 7 days as her best butter production, and the figures, therefore, do not appear in the list of records put out by the Advanced Registry office. Continuing the comparison we find a senior 4-year-old record of 509.4 for Inka 4th's Pietertje Rose, comparing with Mildred Pietertje Abbekerk, with 856.9 lbs. The junior four-year-old class which, by the way, has known but six World Champions in the twenty-five years, has progressed from Belle Sarcastic in 1894, with 548.5 lbs. down through Lilith Pauline De Kol with 653.4, and others to the present record holder, Zarilda Clothilde 3d De Kol, with 817.4 lbs. In the senior three-year-old class we find the record has been more than doubled since the first champion Wietske's Papoose, made her record of 353.4 lbs. The present holder, Jewel Pontiac Segis, has a record of 768.8 lbs. In the junior three-year-old class, Mutual Friend 3d, with 409.4 lbs. held the championship for two years until displaced by Sadie Vale Concordia, the championship passing down through Lilith Pauline De Kol, Katy Spofford Corona, K P Metis, Bess Pietertje Ormsby Mercedes to the present directed holder, Nena Newman Cornucopia with 778.2 lbs. In the senior and junior two-year-old classes this championship record has been more than doubled, Agnes De Kol's Ellen with 312 lbs. at two and one-half years, starting where De Kol Paul Cornucopia finishes with 679.8 lbs. which has stood since 1911. In the junior two-year-old class Sadie Vale Concordia's 317.6 lbs. is replaced by Aaggie Nena Cornucopia's 677.6 lbs.



MAY ECHO SYLVIA

The one and only cow in the world with a 1000-lb. 7-day milk record.

The World's Seven-Day Milk Producers.

The junior two-year-old class has been most prolific of any of the seven in the matter of championships, no less than twenty-three different records being listed as standing at the top. The senior two-year-old class comes next with fourteen, the junior three-year-old class showing eleven champions, the senior four and senior two-year-old classes, nine, the full age class, eight, and the junior four only six championship holders. In this latter class no two champions appeared the same year with the single exception of 1913, when two of the six champion performers were reported.

As mentioned above, Rosa Bonheur 5th, the first 700-lb. cow held the championship of her class longer than any other cow of the breed. Next to her, came Katy Spofford Corona, a junior three-year-old, and Alta Posch, a senior two-year-old, both of whom were rounding out their tenth year of championship honors when their records were surpassed. A most remarkable showing was also made by De Kol Paul Cornucopia whose figures as a senior three-year-old stood at the top nearly six years and whose senior two-year-old record is now in its eighth year, still a World's Championship performance. This gives her a total for the two ages that no other cow of the breed can duplicate in this division. In the junior four-year-old class, Lilith Pauline De Kol held the record nearly seven years while other champions with long terms of office were Lucy Nudine 2d, Belle

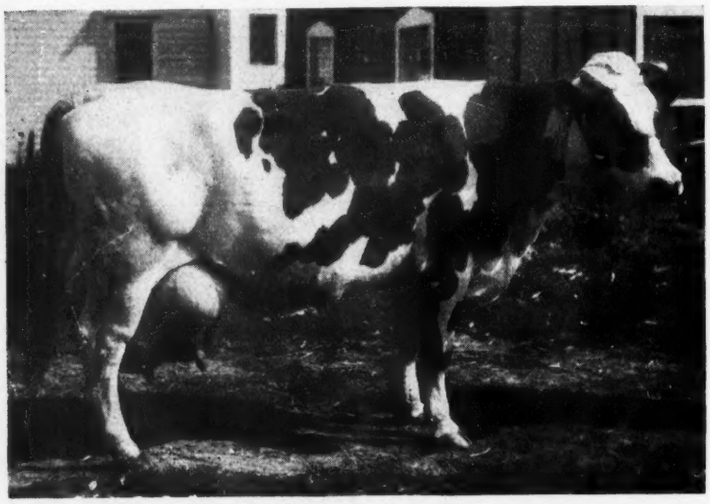
World's Seven-Day Milk Records

	Full Age Class	4½-Yr-Old Class	4-Yr-Old Class	3½-Yr-Old Class	3-Yr-Old Class	2½-Yr-Old Class	2-Yr-Old Class
1894	Rosa Bonheur 5th 2-17-94 726.25	Inka 4th's Pietertje Rose 509.38	Belle Sarcastic 548.50	Wietske's Papoose 353.38	Mutual Friend 3d 409.40	Agnes De Kol's Ellen (CR) 312.00	Sadie Vale Concordia 317.60
1895				Johanna 5th's Clothilde 394.10 Bessie Nudine 448.00		Inka Pietertje Mechthilde 349.10 Astrea Paula Aaggie 397.00 Daphne Nudine 448.30	Cema Rivoli 323.24 8-9-95 Aaggie 3d's Wayne De Kol 325.5 2-19-96 (23m)
1896		Lucy Nudine 2d 559.70		Rouble 5th's Pietertje 460.00	Sadie Vale Concordia 414.50		Inka De Kol 327.75 6-13-96 America 2d's Pauline De Kol 334.38 12-27-96
1897				Daphne Nudine 487.00	Clothilde Artis Topsy 441.30 Inka Sylvia 568.30		Pietertje Tweede 5-26-97 341.4
1898							Johanna Rue 3d 372.10
1899					Lilith Pauline De Kol 569.40		Raschilda 379.00
1900			Lilith Pauline De Kol 653.40 1-14-01		Katy Spofford Corona 590.70	Minnie Sandes 2d 4-26-01 453.70	Pietertje De Haan 2d 390.00 Roxie Wayne Pauline 404.50
1901				Jetske Artis De Kol 10-30-01 534.10		Minnie Sandes 2d 480.50 Alta Posch 5-30-01 586.20	Dora De Kol Hengerveld 408.60 3-22-02
1902		Fidessa 570.70 6-17-02 Lady Creamelle De Kol 578.20 10-25-02 May Hartog Pauline De Kol 633.20 1-2-03		Rowena Maid 2d's B 2-3-03 (CR) 577.70 Aaggie Cornucopia Pauline 599.20 3-26-03			Helena Pietertje Burke De Kol 2d 418.90 12-26-02
1903		Aaggie Cornucopia Pauline 659.20 3-15-04					
1904							
1905							Diana Artis De Kol 4-9-05 424.60
1906	De Kol Creamelle 780.4			Betta Lyons Netherland 599.90 12-26-06			Clothilde Fay De Kol 432.20 2-19-07
1907		Winana Pietertje De	Ready Change 668.50	Hazel Ophelia De			Jasamine Beets

1904							
1905							Diana Artis De Kol 4-2-06 554.80
1906	De Kol Creamelle 780.4			Betta Lyons Netherland 599.90 12-26-06			Clothilde Fay De Kol 432.20 2-19-07
1907		Winana Pietertje De Kol 2d 753.40 4-14-08	Ready Change 668.50 1-30-08	Hazel Ophelia De Kol 621.80 1-30-08			Jasamine Beets 448.20 5-22-07 Pontiac Gladi 491.70 7-9-07
1908	Esther Piebe De Kol 2d 3-26-09 (CR) 747.20 Winana Pietertje De Kol 2d 772.40 5-3-09						
1909	De Kol Queen La Polka 2d 5-5-10 841.80		Tirania Lady Aouda 5th 687.80 1-7-10	Belle Segis 630.20 10-12-09			Hilldale Lorie Korndyke 495.90 1-13-10 K P Metis 510.10 4-28-10 Cedar Lawn De Kol Johanna 513.70 5-12-10
1910				Beauty of Plum 6th's De Kol 2d 737.50 3-31-11	Marcella Lote 2d 3-21-11 640.80 K P Metis (CR) 5-1-11 654.20	Pauline Soldene De Kol 2d 602.50 De Kol Paul Cornucopia 679.80 4-12-11	Cedar Lawn De Kol Johanna 570.10 6-15-10
1911	Margie Newman 7-4-11 868.20 Riverside Sadie De Kol Burke 3-1-12 902.10			De Kol Paul Cornucopia 743.8	Jessie Fobes 2d's Maude Homestead 3-8-12 (CR) 660.10		
1912							Dutchland Colantha Vale 599.30 6-12-12
1913		May Echo Sylvia 759.50 1-2-14	Lieuwkje Korndyke 4-4-13 690.40 Zarilda Clothilde 3d De Kol 817.40 4-4-14		Bess Pietertje Ormsby Mercedes 759.00 4-1-13		
1914							
1915							Aaggie Nena Cornucopia 677.60
1916	May Echo Sylvia 1005.8	Mildred Pietertje Abbekerk 856.9			Nena Newman Cornucopia 778.2		
1917	U. S. Record Raphaella Johanna Aaggie 3d 910.8			Jewel Pontiac Segis 768.8			
1918			U. S. Record Lola Pontiac Segis 772.8				

Sarcastic, and Winana Pietertje De Kol 2d, with five years each.

No less than eight different cows and heifers have broken records in two different age classes, these including no less famous animals than Sadie Vale Concordia, Lilith Pauline De Kol, Aaggie Cornucopia Pauline, May Echo Sylvia, De Kol Paul Cornucopia, Winana Pietertje De Kol 2d and K P Metis. The eighth member of this octette is Daphne Nudine, who was the first two-year-old of the breed to average over 60 lbs. of milk per day in seven-day test, her record being made as a senior two-year-old. In view of the size of present day two-year-old records, it is rather astonishing to note that the first junior two-year-old record averaging over 60 lbs. milk per day did not appear until April 1906 although in July 1907



DE KOL PAUL CORNUCOPIA
The present world champion producer in the senior 2-year-old class with her production of 679.8.

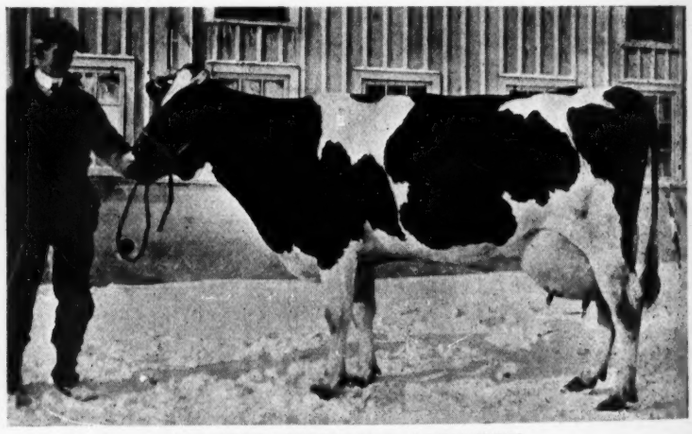
Pontiac Gladi, a daughter of Hengerveld De Kol averaged over 70 lbs. per day, and in 1910 K P Metis became the first 500-lb. junior two-year-old. The one and only Junior two-year-old to make over 600 lbs. of milk, is the present record holder, Aaggie Nena Cornucopia. In the senior two-year-old class, an outstanding record was made in 1901 by Alta Posch, a Canadian heifer, with 586.2 lbs. milk, This record stood until 1910 when the first 600-lb. two-year-old producer was brought forward in the senior two-year-old, Pauline Soldene De Kol 2d, 602.5 lbs. This heifer was quickly superceded by De Kol Paul Cornucopia whose figures of 679.8 lbs. have stood from that date until the present.

In the junior three-year-old class the first 700-lb. producer and the youngest 700-lb. cow at that time was Bess Pietertje Ormsby Mercedes 759.0 lbs., this record being made in April 1913. The first animal under full age to make better than 700 lbs. of milk in seven days was Winana Pietertje De Kol 2d whose records of 753.4 lbs. was made in April 1908. The following year as a five-year-old she increased these figures to 772.4 lbs. thus becoming the first cow of the breed to produce over 700 lbs. in seven days two different years. Winana Pietertje De Kol 2d stood as the youngest 700-lb. heifer until 1911 when Beauty of Plum 6th's De Kol 2d, a three-year-old, made a record of 737.5 lbs. This great heifer held a similar honor until 1913 when Bess Pietertje Ormsby Mercedes became the first junior three-year-old to cross the 700-lb. mark.

As will be shown by the table the first cow to produce above 800 lbs. of milk in seven days was De Kol Queen La Polka 2d, who in May 1910 made a record of 841.8 lbs. This record stood until 1911, then we find another 800-lb. cow, Margie Newman, taking first place with 868.2 lbs. And in the same year the first 900-lb. cow, Riverside Sadie De Kol Burke (902.1 lbs.) was developed. These figures stood until May Echo Sylvia, the present World's Champion, became the one and only 1000-lb. producer, with her figures of 1005.8 lbs.

The first 800-lb. producer under full age and the youngest 800-lb. cow at the present time was Zarilda Clothilde 3d De Kol whose record of 817.4 lbs. was made in April 1914, and still stands as the World's Record in her class. Two senior four-year-olds have produced better than 800 lb. of milk in seven days, and these three heifers comprise the only animals under full age with 800-lb. records. It is quite remarkable that all three of these 800-lb. heifers are Canadian products, two of them having been bred in Canada, while the third while bred in New York State was developed in British Columbia. This fact in connection with the outstanding work of May Echo Sylvia, who was Canadian bred and developed, gives Canada a particularly strong showing in the present-day list of World's Champion milk producers. It is worthy of note further regarding Canada, that the sire of the World's Champion junior two-year-old and junior three-year-old is also owned in Canada, although both heifers were bred and developed in the State of Washington, as was the bull himself.

An inspection of the table from the standpoint of championship by states discloses the fact that New York has a commanding lead with thirty-four of the eighty animals listed. Wisconsin comes second with nine championship performers, New Jersey in third place with eight, Massachusetts fourth with seven, Canada fifth with six, Ohio sixth with four, Washington and Michigan tied for seventh and eighth places with three each, California and Minnesota tied for ninth and tenth places with two each, and Indiana and South Carolina in eleventh and twelfth places with one each. It will be surprising to a large proportion of our readers to learn that a South Carolina heifer became the champion official producer in the junior two-year-old class back in 1895. This heifer, Coma Revoli produced 323 lbs. 3 oz., in 7 days in August 1895. While technically this record stood at the top it is worthy of note that in the preceding year Johanna Rue 2d had made a record of 324 lbs. 6 oz., but due to a misunderstanding this record was not entirely official, and while it was published in the Advanced Register, the fact is that it was not under entire official supervision, and should not take from Sadie Vale Concordia the honor of World's Champion in 1894 with her record of 317.6 lbs., nor of the South Carolina heifer with her performance the following year.



MILDRED PIETERTJE ABBEKERK
Present world champion senior 4-year-old with her production of 856.9.

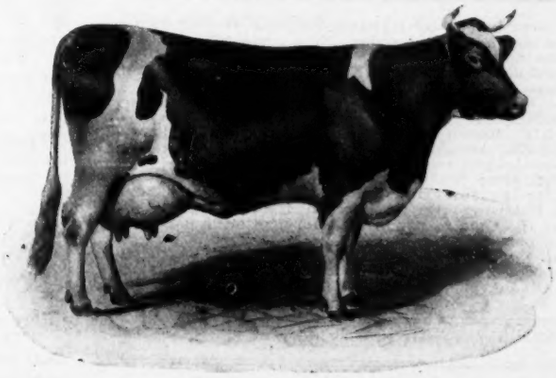
A study of the sires represented by two or more daughters in this table of World's Champion producers reveals some interesting and rather surprising facts. We find there are but six sires in the entire breed represented by two or more daughters, and of these De Kol 2d's Paul De Kol is outstanding with five different daughters, two of which were World's Champions two different years. De Kol Burke comes second with three different daughters which include the first 900-lb. cow, and the first 700-lb. heifer. The other four sires have two daughters each, and their names are Paul De Kol, Pietertje Hengerveld's Count De Kol, Homestead Jr. De Kol, and Aaggie Cornucopia

(Continued on page 38.)

PICTURE GALLERY

The First 700-Lb. Cow

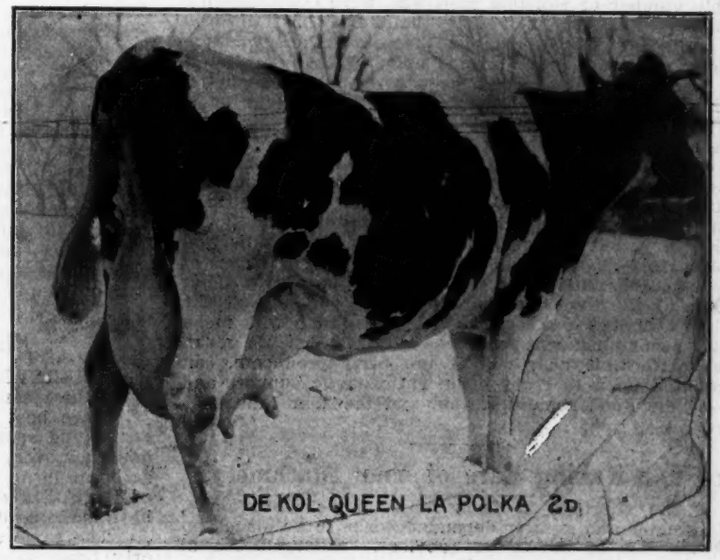
Rosa Bonheur 5th not only enjoys the distinction of being the first cow to be officially tested under the present advanced registry system but she also has the honor of becoming the first 700-lb. cow of the breed. For twelve years her marvelous seven-day milk record was unapproached by any other cow of the breed and it was not until 1904 that she was forced to bow to De Kol Creamelle that raised Rosa Bonheur 5th's record of 726.2 lb. milk by over 56 lb. Her best butter production was made forty-five days after calving when she produced 25.-34 lb. butter from 682 lb. milk. She was owned by and developed at the Michigan Agricultural College.



ROSA BONHEUR 5th

The First 800-Lb. Cow

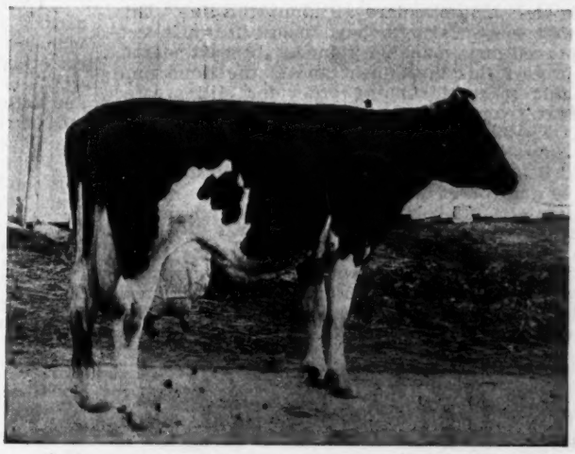
Not only was De Kol Queen La Polka 2d the first cow of the breed to produce over 800 lb. milk in 7 days but she was also the first cow to thrice cross the 800-lb. mark In 1910 she reached the coveted goal by her production of 841.8 lb. milk and 35.38 butter. The next year she again made 845.8 lb. milk and in 1914 crossed with 808 lb. During five successive lactation periods this remarkable cow produced a total of 4300 lb. milk or an average of 716.8 lb. milk for the five years. She was developed by and made her records the property of Clayton Sisson, Sherburne, N. Y.



DE KOL QUEEN LA POLKA 2d

The First 900-Lb. Cow

The year following the completion of the first 800 lb. record brought out the first 900-lb. cow in Riverside Sadie De Kol Burke, a daughter of old De Kol Burke. With her production of 902.1 lb. milk she became champion of the world and with her 30-day production of 3707 lb. in 30 days became champion of that division. She has also been a very consistent yearly producer and for a time was champion for two year production. She is owned by and made her records the property of A. W. Morris & Sons, Woodland, Calif.



RIVERSIDE SADIE DE KOL BURKE

Published every week by Holstein-Friesian World, Inc
Application made at the Lacona, N. Y., postoffice for entry as second class matter.
Office of publication, Lacona, N. Y. Business and editorial offices, Syracuse, N. Y.

M. S. PRESCOTT, Editor.
F. T. PRICE, Business Manager and Associate Editor.
P. B. MISNER, Associate Editor.

Subscription price for the United States $1.00 per year in advance. All foreign subscriptions, including Canada, $1.50.
The date following the address on the wrapper of each paper indicates the time to which the subscription is paid and is to answer the purpose of a receipt.
All matter for publication in any issue must be received two weeks preceding the date of issue, which is Saturday.
Address all correspondence to Holstein-Friesian World, Syracuse, N. Y.

NOVEMBER 16, 1918

Building Permits

IT has come to our attention that there are a considerable number of Holstein men who were contemplating improvements on their dairy buildings this fall, who have refrained, from a feeling that such work was unpatriotic and was being frowned upon by the War Industries Board. There has also been a misapprehension regarding the permits necessary in undertaking this work. The Government regulations on building and remodeling provide that the construction of new buildings to the extent of $1,000 or repairs and remodeling of old buildings to the extent of $2500 are permitted on farms, without any red tape whatever. Where construction in excess of these amounts is required, a permit by the War Industries Board is necessary; but we understand that usually no objection is raised to necessary building or remodeling in excess of those amounts, and the permit is usually granted without delay. Any farm construction work that will increase the efficiency of the forces of production; that will mean greater accomplishment from less effort; which will mean more comfortable quarters for the dairy producers, can be counted upon to receive the enthusiastic support and help of the Food Administration and the War Industries Board.

Are You Taking Care of Your Machinery?

AS the shortage in farm labor grows more acute, greater and greater dependence has to be placed on the use of mechanical devices. Enlarged use of tractors has enabled many farmers to cultivate acreages greater than usual even with the decreased supply of help. One piece of efficient machinery calls for another that will maintain the same standard all along the line. This has meant that many farmers have made heavy investments in improved farm machinery during the past season. In order to protect this investment and at the same time have everything in good running order for still greater production next year, it is important that proper storage be provided. The man who leaves his binder under the tree and his hayrake in the fence corner where he finished using it, until it is time to use them again the next season is going to be confronted not only with a serious charge for depreciation of his investment but, what is just as important right now, a considerable lowering of efficiency of operation. It is your patriotic duty as well as sound business on your part to take as good care of all your farm machinery as you do of that new automobile, and you know how much that is exposed to the elements when not in use, particularly during the first few months of its ownership

Barley for Feed

ATTENTION is directed by the U. S. Food Administration to the abundance and relative cheapness of barley as a feed for livestock. The plentiful supplies of this grain, if utilized freely, should partly compensate for the shortage of wheat mill feeds occasioned by the artificially low price and the consequent abnormal demand.

An additional reduction of nearly one million tons of feed annually is now brought about by the higher milling extraction which diverts this feed into flour. Distillers' and brewers' grains are practically off the market and soon after December 1 when the breweries stop operation this source of feeding stuff will be closed entirely.

Barley is an excellent feed, but except for poultry, should be ground to secure best results. Farmers may assist in solving their feed problems by urging dealers to put in liberal supplies of ground barley, or of the whole grain in case facilities exist for grinding it on farms.

The Food Administration points out the desirability for farmers to keep in touch with changing conditions imposed by war and to adapt themselves accordingly as in this case. The principle of using a less familiar feed, to take the place of another of which there is a shortage, is similar to readjustments which have already been made in human food.

Feed Regulations in Great Britian

THE effect of war on agriculture in Great Britain, is strikingly shown by regulations now in force affecting feeds and bedding. Among restrictions of unusual interest are the following:

The use of straw for bedding purposes is forbidden. Oat straw in particular may be used only for feeding purposes.

All persons owning horses entitled to limited supplies of hay, straw, chaff and cereal feeding stuffs, must keep records showing the number and class of horses, and full facts regarding source, kind and amount of feed used.

The occupier of an agricultural holding, may not sell or part with the possession of any horse, which is used, or capable of being used, for the cultivation of the holding, except with the authority of a license.

When it is realized that these orders are necessary war measures, the importance of voluntary feed conservation in the United States is apparent. The U. S. Food Administration especially asks for elimination of all feed waste, and utilization of farm by-products to which little attention may have been paid in former years. During the year ending July 1, 1919, we must export 2,700,000 tons of feed grains (mostly army oats) overseas. This amount is 750,000 tons more than last year and must come from our present supplies.

Play Fair with Uncle Sam

WHEREVER the English tongue is spoken, people know the meaning of "sportsman." "A fair field and may the best man win" is the supreme law of all our games and sports. And that law, observed as a matter of honor, on every baseball, football, cricket and lacrosse field, accounts in no small measure for the magnificent victories of the Allies on the western front. Our national sports have made us despise "quitting" and the "yellow streak."

The same code of honor holds with reference to Liberty Loan subscriptions. And it has a vital element in addition—that of loyalty to Country and loyalty to the Army and Navy.

Every man, woman and child in America who subscribed for Fourth Liberty bonds on a deferred payment plan is in honor bound to live up to the terms of the subscription pledge. Nothing but "dire necessity," in the words of Secretary McAdoo can possibly excuse "quitting" and failure to carry through the plan. Make all the payments, receive the Liberty bonds and hold them fast until the Government repays the principal.

This is a rule on the ball field. Fight for a fair hit. Run hard for the bases and the home plate. Work with the team. Fight down any selfishness. Combat any disposition to quit or accept defeat. Be honorable and play the game like a man.

This is the program that Liberty Bond subscribers are in honor bound to carry through. No matter how much self-denial it may call for—no matter how hard the "scrimping" and economizing may seem—every subscriber is bound by the law of Patriotism, and by the "honor rule" of good "sportsmanship" to accept the sacrifices and make good the subscription pledge.

Any other course throws a burden on the government, and interferes with the best interest of the Army and Navy, and is a stain on one's personal self respect.

Be a good "sportsman." Be a patriot. Have "Nerve." Pay for every Liberty bond you signed for.

"Service in Holstein News and Advertising"

Here Mr. Advertiser—this will not do

A subscriber writes us:

> "Why do not your advertisers answer when I write them? Have written to six of them about a calf and only got one reply."—Clifton Lindsey, Pa.

Mr. Lindsey is surely entitled to more business courtesy than his letter indicates he has received from some of our people.

This same space was used by the World recently in offering the service of its advertising department to assist in rendering more effective the advertising effort of our Holstein advertisers.

We told of our Advertising Service Department and the reason for its inauguration. We are proud of our Advertising Service and of the work that it does for we feel that here is a real field for work that will count mightily in spreading the gospel of better Holsteins. But—

We do not like to see evidence that the advertisers themselves are unappreciative of what is being done for them. We realize that these are "War Times"; that the War Chest, the Liberty Bond and the "Y" and "KC" demand lots of our time—and should. But as an advertising writer remarked recently, these things should not prevent the rendering of common business courtesies. There has been no curtailment ordered with respect to courtesy—no embargoes on raw materials. Even the market for courtesy in business is as keen as ever.

When a correspondent writes—even on a post card—that he would like to know more about the stock you are advertising in the World and other papers, don't you think, Mr. Advertiser, that you should reply promptly and courteously to his request?

Should we not remember that back in the, perhaps, not distant past, we too were in the market "for a calf"? We would feel rather deeply hurt if we had not had pretty prompt treatment too and like as not we would have gone to some other market.

The man who is buying a calf today may be your most profitable purchaser tomorrow. Let's don't judge our correspondents by the tenor of their first overtures. It is in many cases their first venture and they want to go slow—we can't blame them for that.

Your advertising will be worth infinitely more to you if you do your share to make it effective—and there is no way you can do this better than to take prompt and good care of your correspondence. It is due to the investment you make in advertising space. It is due to the publications you use, and above all, it is due to yourself and to your possible customers.

Let us have business courtesy without limit. No Holstein establishment worthy of the name can afford to economize on business courtesy.

WORLD ADVERTISING SERVICE

ANOTHER WORLD'S RECORD IN HARGROVE & ARNOLD HERD

Among the good short-time records recently made in the herd of Hargrove & Arnold, Norwalk, Iowa, we note that of Sunny Lady 182156, whose figures are 32.68 lbs. butter and 553.8 lbs. milk in seven days. This young cow is a twin sister to Lady Mutual Friend 2d 182155, whose record previously reported is 34.22 lbs. butter and 684.7 lbs. milk in seven days. The dam, Lady Mutual Friend, with a 30-lb. record herself, has recently completed a year record of 1281.46 lbs. butter, with better than 25 lbs. eight months after calving, this record being fifth highest ever made in the eight months after calving division. This makes a World's Record average for mother and twin daughters, according to our best information. We shall be pleased to present more of the details concerning this great family in an early issue of the World.

IF WE COULD ONLY DO IT TO-DAY!

We recently had occasion to look back in Volume 8 of the Advanced Register, which covered the period of about 1897, or just over twenty years ago. In this volume we find reference made to Food Tests or Tests for Economic Production. In the regulations for this Economic Test we find the following schedule of prices for feed, as specified at that time by the Executive Committee of the Association. The prices fixed upon for use in computing these Economic Tests were as follows with the Nov. 1918 prices of several feeds listed also for comparison:

	Price Per Ton 1897	Nov. 1918
Ensilage	$ 2.00	
Bran	10.00	$44.00
Linseed Oil Meal	18.00	60.00
Pea Meal	15.00	
Alfalfa (Green)	4.00	
Ground Rye	12.00	
Middlings	12.00	44.00
Hay	8.00	
Cotton Seed Meal	20.00	64.00
Corn Meal	12.00	64.00
Ground Barley	13.00	54.00
Gluten Meal	12.00	60.00
Ground Oats	13.00	62.00
Hominy Meal	11.00	70.00
Roots (except carrots)	2.50	
Corn Stalk Fodder	4.00	
Fresh Cut Soilage	2.50	
Carrots	4.00	

THE PELTON SALE POSTPONED

Owing to the epidemic that has been raging for the past few weeks, the sale of Floyd M. Pelton to be held on November 14th was postponed until a later date to be decided by Mr. Pelton. The sale will include some twenty granddaughters of King of the Pontiacs, five granddaughters of Pontiac Korndyke and eight granddaughters of King Fayne Segis.

PETTIS COUNTY H. F. CO. BUYS ANOTHER GOOD BULL

The Pettis County Holstein Friesian Company, a corporation organized in Pettis County, Missouri, to promote the breeding of pure bred Holsteins in that county an account of which appeared not long ago in these columns bought King Pontiac Bettina at the Case sale at Alta, Illinois, last week for the sum of $3100.00. It is not necessary to say anything about this calf on the sire's side as everybody knows the King of the Pontiacs. The young bull's dam is Tidy Abbekerk Princess Bettina with a 30.13 record and a daughter of Tidy Abbekerk Prince with 86 A. R. O. daughters and Jewel Pontiac Wayne De Kol with a 30.13 record.

This company now has three famous herd bulls, Brookings Cornucopia whose dam College Belle Wayne held the world's record in milk and butter production combined making 35.37 pounds butter and 824 milk. Also Admiral Walker Prilly who is a daughter of Lottie Walker Spofford who is a 32.5 cow and four times a 30 pound cow. With these bulls and a lot of granddaughters of King Segis Pontiac Alcartra Pettis County is bound to soon become a Holstein center.

IOWA STATE RECORDS BROKEN

The Iowa State Record for butter production has twice been broken in the past few days by the members of the herd of Hargrove & Arnold of Iowa. Lady Mutual Friend No. 118829 at the close of her year had to her credit 1281.46 lbs. butter and 23,388.9 lbs. milk. This showing was exceeded slightly, however, by Miss Pietertje Alexina 2d No. 196788, whose figures were 1290.94 lbs. butter and 24,219.1 lbs. milk. These two records are respectively eighth and eleventh for the full age class. These are but two of the great year records that will be announced during the coming season from the Hargrove & Arnold herd, as they have a long string on year test that are performing very creditably. On another page of this issue appears a photograph of a young son of Miss Pietertje Alexina 2d, the present State record-holder for Iowa, that presents wonderful possibilities. His sire, King Mutual Korndyke, is a son of the World's Champion and only 1200-lb. two-year-old, Finderne Mutual Fayne, so that the two nearest dams are both 1200-lb. cows, their records averaging 1245.79 lbs. As nearly as we can figure the bulls of the breed that duplicate this showing could be counted on the fingers of one hand.

THE FRESH COW SALE

The fresh cow sale at the Liverpool pavilion on November 20 and 21 promises to afford breeders and dairymen an unusual opportunity to get winter milkers. It is understood that more than 100 of the animals will be just fresh or fresh within the next few days after the sale, and also that a very large majority are still young and the entire offering is perfect physically. A few young herd sires of extraordinary promise have been entered, one of them from a 31-lb. 2-year-old and another from a heavy producing 30-lb. cow. It is a sale that should attract considerable attention from the milk producer and the breeder desirous of replenishing his breeding herd.

HOME FARM SELLS GOOD ONE

Among the recent sales from Home Farm is that of a young bull, considered by Messrs. Barney as one of the very best ever raised by them, to head the herd of R. O. Heatwole at Brooklyn, Iowa. This promising youngster is a son of King Korndyke Sadie Vale 24th from Quoquie Mooie Wayne 2d with a seven day record of 29.66-lb. butter and a 30 day record of 109-lb. butter from 1861-lb. milk. A number of maternal sisters to this bull are now owned by Messrs. Barney and give promise of exceptional development. Mr. Heatwole has a very nice herd and should get some great calves from this young sire.

THE W. C. JOSLYN SALE

The W. C. Joslyn Sale was held at Waitsfield, Vt., October 15, as scheduled, in spite of the fact that the epidemic of influenza kept many buyers away. Mr. Joslyn writes that it was a very poor sale from his standpoint, but a good one for the buyer, as every animal was sold at a bargain price. Mr. Joslyn still has a herd of thirty females, most of them granddaughters of King Korndyke Sadie Vale, and writes that he is going to continue with the Black and Whites and hopes next time to have his public sale under more favorable conditions.

BRITISH SOCIETY CHANGES NAME

According to news reports at a recent meeting of the breeders of Holstein-Friesian cattle in England, the name Holstein was dropped, the organization in the future to be known as the British-Friesian Cattle Society. Similar action has been taken by the breeders of the Black and White Holland Cattle in New Zealand and South Africa. The Farm Journal suggests that we drop the German name "Holstein" and call them "Liberty" Cattle in America.

HOLSTEINS LEAD IN VERMONT ASSOCIATION

In the report of the cow testing associations in the State of Vermont for September we note that a Holstein cow owned by Ray Collins led the Chittenden Association with a production of 56.8 lb. fat. A grade Holstein owned by A. T. Smith & Son lead the Washington County Association with 41.9-lb. fat, while a Holstein tied with a Jersey in the Derby Association for leadership with exactly 53 lb. of fat. The Holstein was owned by F. J. Libbey.

DONATES TWO BULLS TO THE RED CROSS

John C. Stellwagen of Belleville, Mich., has shown his patriotic spirit by donating two bull calves for the benefit of two of his local branches of the Red Cross. He gave a registered bull by the name of Huron Hill Pontiac King 3d to the Red Cross of Belleville, Mich., which was sold June 3 for $350.00. Another bull calf by the name of Huron Hill Pontiac King 2d was sold Oct. 17 for the benefit of the Wayne, Mich., Red Cross for $584 making a total for the two branches of $934 through these two bull calves donated by Mr. Stellwagen. It would be interesting to learn the exact amount brought into the Red Cross coffers through these Holstein donations throughout the country.

ITEMS FROM CHENANGO COUNTY, NEW YORK

D. B. Utter & Son recently sold four choice young cows to H. W. Hartshorn of Hamilton.

Peter Rasmussen has purchased of Zar Benedict two two-year-old granddaughters of the King of the Black and Whites. These heifers are large and should make quite an addition to Mr. Rasmussen's herd of grade and pure bred cattle. Mr. Benedict also sold a heifer calf from one of these heifers from a son of a 29-lb. bull to P. A. Stewart of Georgetown Station. This is Mr. Stewart's initial purchase of pure breds.

H. A. Moyer, sales manager from Syracuse, accompanied by H. C. Wood, secretary of the Madison-Chenango Counties Holstein-Friesian Club was calling on breeders in this section Wednesday, October 23. Messrs. Moyer & Wood were inspecting cattle to be sold in the sale of pure breds to be held at the sales pavilion at Earlville in December. Z. B.

STARTING WITH HOLSTEINS IN ARKANSAS

John W. Riley, Decatur, Ark., has recently purchased a Holstein bull and three fine Holstein heifers from W. F. Darling of Siloam Springs, Arkansas. The Holstein has been making rapid progress in this state.

COLUMBIA GOVERNMENT FARMS BUY HOLSTEINS

E. G. Doran of Preble, N. Y., reports the sale of five of his best pure bred heifers to the Columbia Government Farms at Blue Plains, D.C. These animals were all in calf to King Cornucopia De Kol Paul, a son of the former champion De Kol Paul Cornucopia. It is a source of pleasure to Mr. Doran to have these heifers go where they will be properly developed and also to be able to sell a bunch that so successfully passed a Federal tuberculin test.

IOWA OFFERS COURSE FOR HERDSMEN

Dates for the annual ten weeks' short course for herdsmen at Iowa State College have been set for January 2-March 14. This is a practical course in herd husbandry offered for men who wish to better fit themselves to take charge of farm herds. The course proved popular last year and attracted a good number of students. Full details of the course may be obtained by writing to the animal husbandry department, Iowa State College at Ames.

FARM BUREAUS BACK NATION'S WAR PROGRAM

That the final responsibility for meeting the food needs of the Nation and the world rests upon the individual farmers in every community is the basis of a farm bureau membership campaign planned for the week of November 25 by farm-bureau committeemen in New York State. Quotas of membership will be assigned to every county, and the county quota will be apportioned to the communities. The campaign is not for the adding of mere names to the membership roll, but for the enlisting of farmers who believe in a sound agricultural war program and will support it.

INTERESTING MEETINGS IN PENNSYLVANIA

Prof. George S. Bulkley, Dairy Husbandry expert at the State College of Pennsylvania, has arranged a series of meetings in Allegheny County, Pa., to instruct the Holstein breeders in that section regarding improved methods in breeding, with particular attention given to the study of pedigrees. The speakers at these meetings throughout the county besides Prof. Bulkley will be N. S. Grubbs, and D. R. Pheasant of Allegheny Farm Bureau, J. M. McKee, Washington County Agriculturalist, and C. R. Hill, tester of the Montour Valley cow testing association.

HOLSTEINS IN DEMAND IN GEORGIA

A news report from Fitzgerald, Ga., states that two car loads of fine Holstein cows were shipped to that point from the north, late in October, and were sold to local farmers at from $250.00 to $400.00 per head.

BUYS TWO AT GRAHAMHOLM

L. A. Seath, a prominent dairyman and Holstein breeder, at Albert Lea, Minn., has recently purchased two splendid cows from the Grahamholm Herd at Rochester, Minn. These cows are Aaggie Longfellow Grahamholm 2d and Contest Dora Colantha Cornucopia. The former has a record of better than 800 lbs. of butter in a year as a three-year-old, and the second over 765 lbs. They make a splendid addition to Mr. Seath's herd.

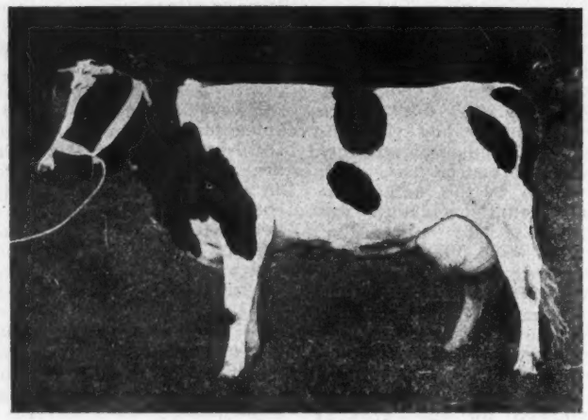
COLONIAL FARMS

A glance at the picture of the farm residence at Colonial Farms, Wattsburg, Pa., discloses the origin of the farm name. This attractive residence is the home of J. B. McDannell, prominent Maccabee and Buffalo business man, when he gets down among his Holsteins at Colonial Farm. Mr. McDannell has headed his herd with Brothertown Pontiac Korndyke whose sire is a 33-lb. son of Pontiac Korndyke and whose dam King Segis De Kol Korndyke Topsy is a 33-lb. daughter of King Segis De Kol Korndyke, the famous son of King Segis and Pontiac Clothilde De Kol 2d. She has distinguished herself by producing the wonderful heifer K K S V Topsy, the only animal of the breed to make a 40-lb. record after dropping twin calves. In her case the feat was accomplished as a three-year-old at second freshening. With this brief synopsis of the line along which Mr. McDannell is working in his breeding operations special interest will be attached to the picture showing Mr. McDannell and some of the youngsters at Colonial Farm. The farms are located in the celebrated French Creek Valley of Northwestern Pennsylvania and from present indication will make a reputation for themselves in Holstein circles.

Residence of J. B. McDannell, Buffalo, N. Y., situated on his Colonial Farms, Wattsburg, Pa.

CHAMPION OF NEW ZEALAND

We are glad to present our readers with a likeness of the champion producer for both milk and butter over the entire province of New Zealand. She is Westmere Princess Pietertje and made her record as a junior 4-yr-old. Although notice of her record was made in the World of September 21st we are mentioning it again especially because of the conditions under which it was made. She freshened for the first time at the tender age of 1 year eight months. At the age of 4 years 5 months had given birth to four calves and it was after her fourth calving that she started her present record which gives to her the honor of being the largest producing animal in New Zealand for both milk and butter regardless of age or breed. This wonderful heifer carried her calf 247 days of the 365 while on test and at no time was she milked more than three times then for her to finish the year with 1174.7 lb. butter from 24,199 lb. milk surpassing her nearest competitor by nearly 200 lb. fat and nearly 3000 lb. milk is nothing short of remarkable.



WESTMERE PRINCESS PIETERTJE
New Zealand champion producer for both milk and butter, over all ages and all breeds. Her record is 1174.7 lb. butter from 24,199 lb. milk. Owned by John Doland, Westmere, N. Z.

This new champion is by a sire bred from lines imported from the United States and is a full sister to Netherland Princess 4th the best senior 2-yr-old in New Zealand with a production of 1002 lb. butter from 19,621.6 lb. milk.

This record of Westmere Princess Pietertje is a splendid endorsement to the agitation toward a ruling that semi-officially tested animals should freshen within a specified time after the commencement of their long time record. In no other way can the practicability of a record be judged and when the desirability of such a ruling is so forcibly demonstrated as is the case with this cow, the objections to such must become almost a minus quantity.

This heifer is owned by and made her records the property of John Donald of Westmere.

RAISE HORSES OF BETTER QUALITY

Large numbers of undesirable, mediocre horses are being turned onto the market at present in all parts of the country in order to save feed, according to reports to the United States Department of Agriculture. As a consequence the market is glutted with commonplace animals of this description to the extent that the prices paid are unusually low. The department urges farmers to raise horses of better breeding and quality. The supply of desirable quality heavy draft horses or animals suitable for artillery or cavalry purposes is below the demand, while the prices of such animals are correspondingly high. In view of both the domestic and foreign demand during and after the war for quality horses, farmers should begin now to stock up their barns with horseflesh of the desirable type. Under existing conditions feeding stuffs for work animals are extremely high in price. On this account it is imperative that the farmer should winter only work stock of the useful, most efficient, and valuable type. One heavy draft horse will perform the work of practically two undersized, inferior plugs, while such an animal can be fed at about the same cost for maintenance as for one of the plugs. When the farmer desires to sell a heavy horse of quality and breeding he can always locate a ready market, whereas inferior animals ordinarily can be disposed of only at a sacrifice.

HOLSTEINS AT AUCTION

— AT —

ITHACA, N. Y.

November 22, 1918

Sale on Fair Grounds

50—Registered Holstein Cows—50

Nearly all are fresh or will be within a few days after the sale. These are a nicely selected lot, every animal a regular breeder and in good condition. 10 calves and 3 young bulls will be sold.

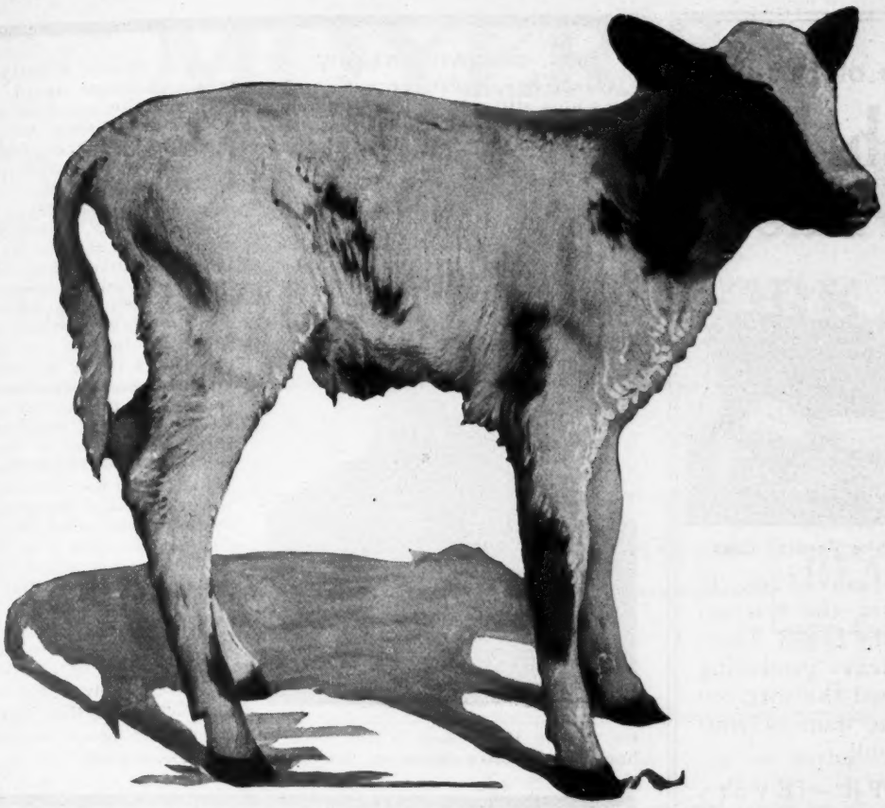
These cows are bred to such bulls as Prince Aaggie Wayne Ormsby whose six nearest dams average 32.8 lbs. of butter in 7 days and 951 lbs. milk in one year. Vanderkamp King Segis who has a 37.57-lb. dam and is a son of Rag Apple Korndyke 8th from a 30-lb. ¾ cow, and other bulls of equal breeding. Write at once for catalog.

Tompkins Co. Breeders' Assn., Inc.

324 E. State St., Ithaca, N. Y.

B. V. KELLEY, Auctioneer
R. AUSTIN BACKUS in the box

C. OWEN CARMAN, Secretary
and Sale Manager.



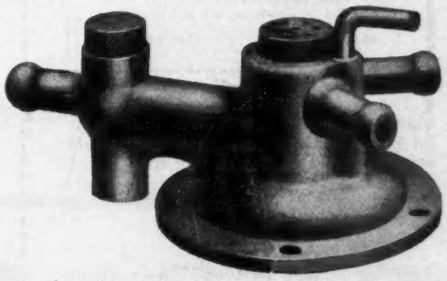
He Taught Us How

UNTIL recently most of us thought milking to be simply a matter of pull, pull, pull. Some think so yet. But it's not. If you watch a calf's tongue when he swallows you'll see the difference. He gets his mouth full of milk—then he swallows. And as he does, his tongue massages the teat backwards from tip to udder. That's Nature's provision for the prevention of congested blood in the teat as a result of the calf's sucking. Sucking draws the blood to the tip of the teat. The tongue massages it back to the udder.

EMPIRE
MILKING MACHINES

with our new Super-Simple Pistonless Pulsator accomplish the same result. Stops the sucking and lets air flow in between the rubber lining and the walls of the teat cup. This makes the rubber lining gently massage the teat *from tip to udder*, just like the calf. This action occurs regularly from 48 to 52 times a minute. With our pistonless pulsator, there are no more leaky pistons resulting in irregular, nerve racking action. The suction is always uniform and gentle. Soothes the cow and results in far greater milk flow. Our local dealer will gladly show you the "Empire" without obligation. Call on him. Write for our new 1918 catalog No. 16B

The New Empire Super-Simple Pulsator
The Pulsator Without a Piston



EMPIRE CREAM SEPARATOR COMPANY
Bloomfield, New Jersey
Chicago, Ill. Denver, Colo. Montreal Toronto Winnipeg
Also Manufacturers of Empire Cream Separators, Gasoline Engines and Farm Electric Plants

Sons of this

44-Lb. Bull For Sale

King Korndyke Pontiac Lass

A $10,000 son of K. P. Pontiac Lass, the first 44-lb. cow of the breed. Their dams are heavy producing cows and just the sort you want as the dam of your next herd bull.

REMEMBER — Every one of these youngsters has a 44-lb. grandam.

IOWA BELLE HERD

C. S. MULKS, Prop

Riceville Iowa

Can also sell a few young A. R. A. cows safely in calf to King

WANTED

Carload of High Grade Holstein Cows due in December and January. Also a carload of springers.

J. MANTEL Dallas, Tex.

The man who invented the two blades of grass theory has been proved honest; but the man who can persuade the consumer to use four quarts of milk daily to its former two is a human benefactor—and a great advertiser.

At the end of a perfectly gasless Sunday
I was rested and fit for a blueless Monday.

SGT. CHADWICK GEROW

A gold star appears on our service flag which still retains four blue ones. Sgt. Chadwick Gerow, Associate Editor of the Black and White Record, has died a hero's death on the battle fields of France. Enlisting as a private in the National Guard in July, 1917, his promotion has been steady.

Chadwick Gerow was a clean cut American. To know him was to love and respect him. A superb athlete, he was long active and very successful in Boy Scout and Y. M. C. A. work.

His Holstein connections were originally with the E. M. Hastings Co. Later, in partnership with E. A. Harrington, the firm of Harrington & Gerow was formed, and a successful pedigree business was conducted at Madison, Wis. In 1915 this firm was combined with the E. M. Hastings Co. and he became a partner, in active charge of the pedigree department. He was also as mentioned above, an associate editor of the Black and White Record. In addition to his other activities he was an enthusiastic lodge worker, having advanced in Masonry to the honor of a Sir Knight of the Temple. In his own Blue Lodge he was filling the post of Senior Deacon with credit at the time of his enlistment.

He was also Worthy Patron of Lake Ontario Chapter, No. 124, O. E. S.

The details of his death have not yet been received, but we know without being told, that he died as he had lived, with honor to himself, his God, and his country. M. S. P.

Peace— Now For Reconstruction

The greatest opportunity Holstein breeders have ever known now lies before us.

The big problem today is how to make the most of them. President D. D. Aitken has some constructive ideas on the subject.

The first of a series of articles dealing with these reconstruction problems will appear.

IN THE WORLD NEXT WEEK

MOYER'S HOLSTEIN SALE

EARLVILLE, NEW YORK

225 HEAD | **Guaranteed Under 60-Day Retest** | **225 HEAD**

I have advised many times that breeders could make money by going out and buying good pure bred Holstein cows of good blood lines and take them home and make cows of them —then buy a good bull and breed them to him. This is my plan of making money out of Holsteins, for any one is sure to get two out of every ten that will pay for the whole lot. I have proven this by experience and I offer the same opportunity in this sale to other breeders.

H. A. MOYER.

Consigned by 26 Leading Breeders from Madison and Chenango Counties

One-half of the sale is made up of calves, yearlings and two-year-olds of the greatest blood lines of the breed.

The two-year-olds bred to bulls of the best official backing and representative of the best producing ancestry.

Just the sort to take home and grow into money for YOU.

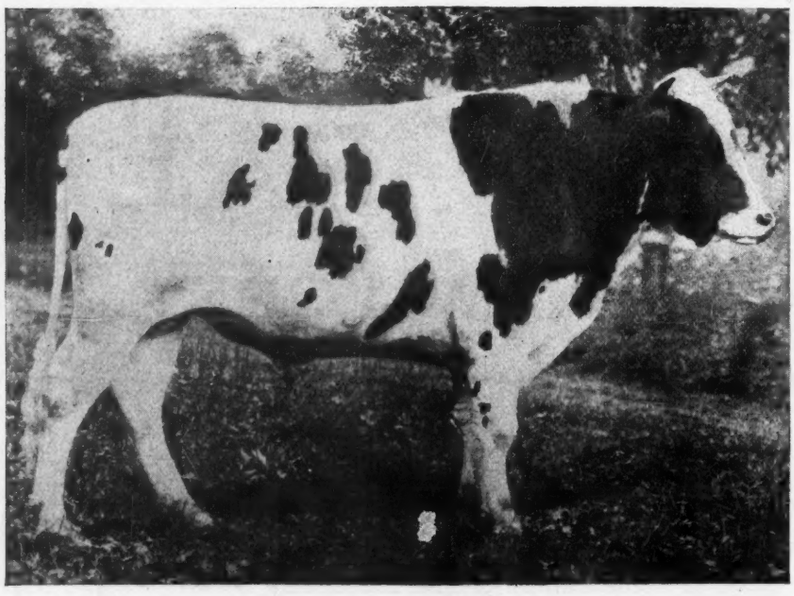
The remainder of the sale is made up of good young cows that have not been developed—the kind to take home, give them records and double your money.

But ten young bulls have been consigned—every one a desirable high class animal.

This is just the sale to attend if you want a car lot of clean cattle guaranteed against tuberculosis for sixty days afterthe sale and bred in the best producing lines of the breed. Sure to make money for their purchasers.

H. A. Moyer, Director Syracuse, N. Y.

3 BIG DAYS DEC. 17-18-19



KING SEGIS ALCARTRA PONTIAC, 143462

One of the promising young sires in service at Broadhurst Holstein Farm. John H. Broad, proprietor, Morrisville, N. Y. This young sire's two oldest daughters, recently completing seven and thirty-day tests in the Broadhurst herd, made exceptionally excellent records, considering their tender age. One made 20.308 lbs. of butter at 25 months, the other a trifle over 22 lbs. at 23 months—an average for the two of 21.157 lbs. of butter, 286.50 lbs. of 4.30 per cent milk, in seven days, with equally good records made by each for 30 days at an average age of 24 mo. 12 days.

King Segis Alcartra Pontiac, one of the most promising sons of "the $50,000 bull," is out of the 32-lb. show cow, Aaggie Grace Beryl Wayne. The records of his five nearest dams average over 31 lbs. of butter in seven days.

Two other likely young sires now in service in the Broadhurst herd are 32-lb. and 28-lb. sons of Mr. Hardy's Champion Echo Sylvia Pontiac, whose dam is the world's champion milk producer, the great May Echo Sylvia.

VITAMINES

The name "Vitamine" was first used in 1911 for a substance extracted from rice bran in an attempt to find the cause of that nutritional disease, beriberi, associated with diets of polished rice. These vitamines are still incompletely known. All that most reliable authorities are willing to say is that they are basic nitrogenous substances; that they may be affected somewhat by heat; that there are at least two vitamines—a fat soluble vitamine found in butter and egg yolk and a water soluble vitamine found in milk. These are also found in many other foods including legumes, cod liver oil, etc. Pasteurization of milk at the high temperatures formerly used probably deprived milk of this important factor. On the other hand, potatoes may be boiled without losing their vitamines. It is thought that animals merely "condense" vitamines as they are formed in the leaves of plants.

THE ETERNAL FEMININE

The Blessed Damozel looked out
O'er her garden plot at even;
She had been working like a slave
Since ouarter past eleven
She had three blisters on each hand
And those on her feet were seven.

Her smock, ungirt from clasp to hem,
Was somewhat soiled and torn;
Her heavy flat-soled garden shoes
Rasped on her tender corn,
And her hair, a-falling down her back,
Looked messy and forlorn.

It was a hopeless garden patch
That she was looking on;
Though spuds had sprouted here and there,
With weeds 'twas overrun;
On the north side of a high fence—
It hadn't any sun.

She scowled and pouted, then she said,
Less sad of speech than mad,
"I think the mean old things might grow!
It really is too bad!
I hate this gardening anyhow,
It is a silly fad!"

She tried to smile, but all in vain
(I knew her secret fears:
Her next-door neighbor's plot was fine
She dreaded taunting jeers!)
She ran up stairs to her own room
And wept. (I heard her tears).

—Carolyn Wells Houghton.

LANSING, MICH. NOV. 20

1:00 p. m.

COMBINATION SALE

40 Head—Registered Holstein Females—40 Head

30 fresh or to freshen soon. This herd contains daughters of Pontiac Ceres Korndyke:

Sherlock Lilith De Kol Hengerveld
Prince Ybma Spofford the 4th
King Model Johanna Fayne

All stock will be given the T. B. test. Sale held at the farm of Edward Stoll, 2½ miles from city limits on St. Joseph St. West. Stock all raised by present owners. Transportation provided. "Citizens 5-4" rings, Bell 7139 F-5.

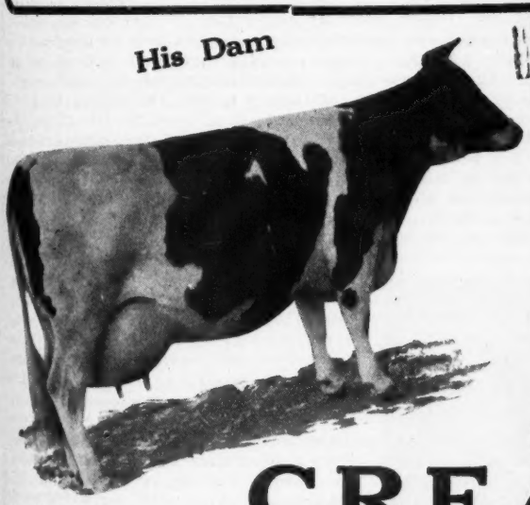
50 per cent Liberty Bonds accepted. Send for catalog.

EDWARD STOLL, W. K. PARKER, Owners **Route No. 1**

W. A. MURRAY, Auctioneer **F. J. FISHBECK, Pedigree Reader**

INTRODUCING A NEW SIRE AND NAME

His Dam



His Sire

CREATOR

" PRIDE OF THY AGE
AND GLORY OF THY RACE "
— *Pope.*

See Next Week's Issue

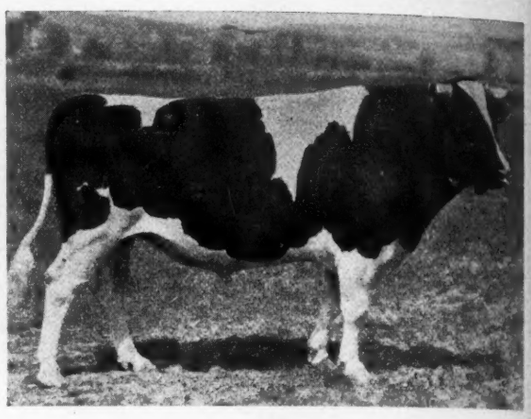
PABST STOCK FARM *"Dept. F"* **Oconomowoc, Wis.**

The Lesson of a Wonderful Proven Sire

THE old saying that familiarity breeds contempt is quite reversed with regard to Dutchland Colantha Sir Inka. While most of us have realized for a number of years that here was one of the good sires of the breed, we feel safe in saying that only a small proportion of the Holstein public has been aware of the really outstanding work his daughters have been doing. For instance, if any representative audience were asked to select the sire having the highest average for his entire list of daughters, excluding those sires having less than fifty to consider, we doubt if a single breeder would return the correct answer. Here in the World office we try to keep in close touch with the progress of the various sires, but we confess we would have gone wrong on this question, until we got busy recently with the adding machine and discovered that Dutchland Colantha Sir Inka, with his average of 23.45 lb. butter, 478.2 lb. milk for his entire list of 66 daughters, actually led the whole procession. And then going further, we discover that he has twenty daughters that have completed full year records, the entire number averaging 16,067.5 lb. milk, 688.91 lb. butter, at an average age of only 2 yr. 10 mo. When we take into consideration the tender age at which these records were made, with only one mature cow, she a 1000-lb. producer, and thirteen 2-year-olds, we find that no other sire of the breed with such a long list of daughters can equal this average for either butter or milk.

Certainly this is an enviable showing—leadership for both milk and butter—and in both short-time and long-time test. It becomes all the more remarkable when the details are more carefully studied. In the first place, Dutch, as he is familiarly known, has never been given the sort of opportunity we have come to consider as a necessary factor in leadership. The highest record cow among the dams of all of his A. R. O. daughters has only 27 lb. Further, the 30-lb. daughters, of which there are now thirteen, have been tested in four different herds, each of which made its first 30-lb. record on a Dutch daughter. His daughters have made their records from New Jersey to Nebraska, and apparently they make good wherever they are placed, and regardless of the quality of the dams. This is a factor that must not be overlooked in comparing the work of the daughters of Dutchland Colantha Sir Inka with the other leading sires.

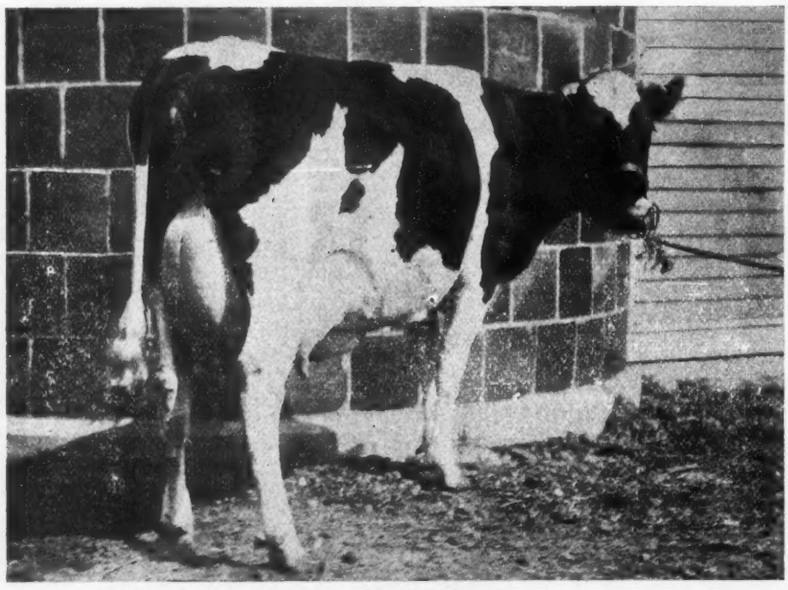
Particularly impressive was the work of these Dutch daughters last year. Twenty-two of them were tested for 7 days, and of these two made over 35 lb.; seven crossed the 30-lb. mark; fourteen made better than 25 lb.; and all but one, a 2-year-old heifer, exceeded 20 lb. The twenty-two averaged well over 26 lb. Only one daughter completed a year record, and she made over 1000 lb., becoming the state champion for Nebraska. Considering the work of his entire list, it is interestng to note that 75 per cent of his daughters have records above 20 lb., nearly 40 per cent above 25 lb., and almost 20 per cent above 30 lb. He was



DUTCHLAND COLANTHA SIR INKA
His entire list of tested daughters averages 478 lb. milk and 23.45 lb. butter. He was the youngest sire to have four 30-lb. daughters and now has 13 or more than any other living sire, with a single exception.

the leading money-winning sire of the year 1915, and has been well up in the list for a number of years past.

It was recently the privilege of a member of the World staff to put in a pleasant day at Chautauqua Stock Farms, the home of Dutchland Colantha Sir Inka. Here we saw old Dutch himself, quick and active, although well mannered and carrying his ten years very lightly. Weighing close to 2800 lbs., Dutch gives no suggestion of coarseness; rather of strength and capacity. He is just exactly as good as his picture, and that shows a bull pretty hard to fault as an individual. These same characteristics of size and constitution, level top-line and deep middle, he seems to have transmitted with a great degree of certainty to all of his get that we have ever seen. Those at Chautauqua Stock Farms were all youngsters, the oldest just commencing to spring for winter freshening. The cover illustration shows a group of these Dutch heifers, as snapped by the World representative. The size of the family he had gathered about him in but little more than two short years was convincing testimony to his sureness and activity, and was also an object lesson in the results that are certain in placing the right kind of sire at the head of the herd. Two and a half years ago Messrs. Wilder & Sadd had just an ordinary herd of pure bred Holsteins. With no additional investment except in the best bull that they could buy—a bull that at that time had proven his sterling worth through the work of his daughters—they now have, or will have by another season, a herd made up entirely of daughters of a bull whose name, with proper publicity, could be put upon the lips of every breeder of Holstein cattle. In short, by mating an ordinary pure bred herd with an outstanding bull, they have the makings—unfailingly—of an outstanding herd. Wilder & Sadd had the courage of their convictions on this bull question. It took a lot of money, and a lot of faith, and some dickering, before the bull finally became their property. Did the investment pay? Well, the increase of the herd, the youngsters sired by the bull in question, would easily command two, or perhaps even three times the valuation of the original herd, which with the development of two years in testing is doubtless worth more than it was at



TIRANIA YANKEE COLANTHA MAID
A two-year-old with a record of 28.66 lb. butter from 466 lb. milk. Note the capacity, the style of udder and splendid qualities throughout. A typical daughter of Dutchland Colantha Sir Inka.

the start—and they still have the bull left, just as active and able to attend to his work as he was when they bought him, and through the development of his older daughters, worth more dollars today than he was then. Did the investment pay? We'll say it did.

NEWS FROM SO. DAKOTA

Conditions in this section are extremely good this year with the exception of the labor situation, which could be little worse. Located as we are out of the dairy section it is hard to get labor for dairy work at any time and now it is next to impossible. We have been compelled to put in milking machines and even with them it is next to impossible to keep things going, however we are going to try and hold on to our cows until such time as we can do something. Testing will be out of the question under present conditions unless we are able to make other than present arrangements although we have several very promising prospects that we shall hate to see go without a test. M. J. Smiley.

COLANTHA JOHANNA LAD
One of the century sires and sire of more 600-lb. daughters than any other bull that ever lived. Also sire of 20 30-lb. cows.

Solomon Holstein Says:

Spanish influenza was a mighty terrible disease while it lasted. The only redeeming feature I can see about it was that they didn't name it German influenza.

It seems to have escaped the attention of those striking workmen that the men who are fighting for them and the men who are feeding them never get a raise.

Someone has said that the war won't end until the prop is knocked from under German propaganda; the toot taken out of Teuton, the germ out of Germany and the stolen land out of Deutschland.

Once in a while everyone gets plumb discouraged. The milk of human kindness gets sour or the thirty-pound cow fails to come back or worse let, the near thirty-pounder fails to go over the top. The whole world looks black and blue and a fellow feels like giving up the ship or committing murder, whichever kind of man he is. But it usually pays to hang on and try, try again, refuse to take "no" for an answer and keep everlastingly at it. The next time, some unsuspecting Holstein female will come across with the goods or you'll find the bull advertised at last that you've had in mind since 1897. Here's a story to prove it:

Once upon a time an old farmer was taking some milk to market. On the way he crossed a brook and stopped to put some of the water into the milk. (Editor's note: This milk was probably eight per cent Holstein milk and the careful dairyman was afraid that his customers wouldn't accept such rich stuff). Without noticing it he scooped up two little frogs with the water and poured them into the milk can. When they found themselves there, one said to the other. "This is a great place for us to be in! We'll be drowned sure. There is no use in prolonging the agony, we might as well finish it first as last and be done with the struggle." So he gave a squirm and a wiggle and sank to the bottom of the can and perished. But the other little frog was not that kind. He said, "I'm not going to give up as easy as all that. This milk will have to come out in time and if I can only keep alive till they open the can, I may get out, too." So he kicked and swam as hard as he could, and when they finally took off the cover, there was Bro. Frog sitting on a pat of golden butter that he had churned by his kicking.

MORAL

When times get hard—no records near—
Don't get discouraged, Never fear,
But struggle still; no murmur utter,
A few more kicks may bring the Butter.

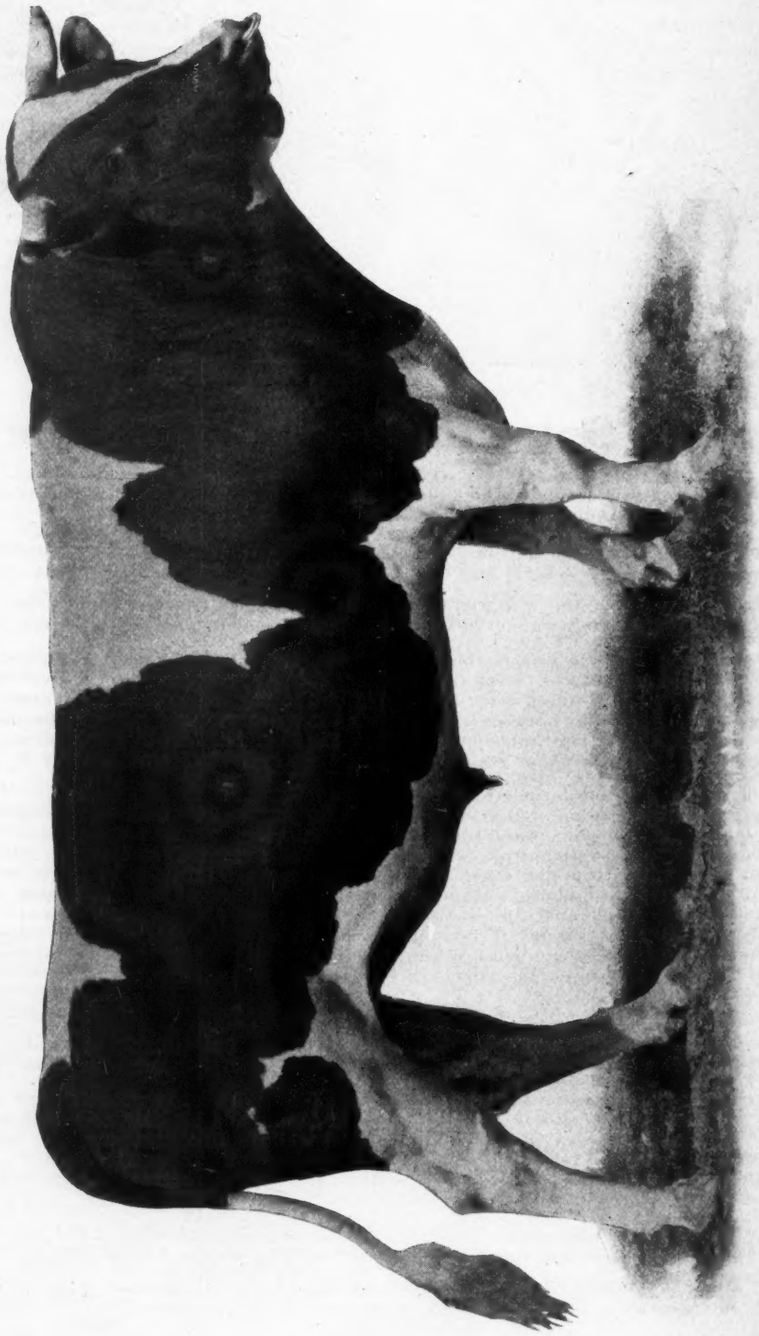
There was once a successful Holstein breeder out West who, after accumulating a sizeable fortune and a fine herd, passed in his checks. He wasn't a man of family and his only near mourner was an old fellow who lived with him and had helped care for the black and whites. This man saw to it that a handsome stone was erected over his grave, but when it came to thinking up a proper inscription, he was put to it. Finally he evolved this. "He loved a good cow. He made four thirty-pound records. He did his darnest; angels couldn't do no more."

The school that everybody must attend is the school of experience. And no matter how many pretty flowers and nice red apples we fetch dear teacher, she refuses to be partial to anyone.

After eating the beet-syrup that mother made from mangels snitched from the storage bin, I tell her I think it might be better to let the Holsteins make thirty-pound records on 'em while we eke out with maple syrup and honey.

After your hired man has got to think that your "gentle" bull is easy to handle and then the gentle bull suddenly pulls a surprise party and starts the usual unexpected mad and vicious attack with lust to kill on the hind parts of the hired man and your hired man has his ribs smashed in and so forth and so forth and is put on the hospital list in the most approved gentle-bull fashion and it catches you at a time when he absolutely cant be spared and he sues you for a couple of billion dollars damage—Why Then, Your next hired man will probably be equipped with a regular bull staff.

OUTSTANDING!



Dutchland Colantha Sir Inka No. 50999

No Other Sire With A List of Equal Length Can Equal

Dutchland Colantha Sir Inka No. 50999

No Other Sire With A List of Equal Length Can Equal This Average *for the entire list*

Seventy per cent of them were tested as heifers

His entire list of 20 daughters with full year records averages 16,067.5 lb. milk, 688.91 lb. butter at an average age of only 2 years 10 months.

No Other Sire With A List of Equal Length Can Equal This Average at So Young An Age *for the entire number*

He has thirteen 30-lb. daughters—more than any other living sire, with a single exception.

75 per cent of his daughters are above 20 lb., nearly 40 per cent above 25 lb.; and 20 per cent above 30 lb.

Among the sires with a dozen 30-lb. daughters, only two are from 30-lb. dams. They are Dutchland Colantha Sir Inka, and his own sire, Colantha Johanna Lad.

He was the youngest sire to have four 30-lb. daughters.

He was the leading money winning sire of 1915.

No Other Sire That Money Will Buy Today Deserves To Stand In His Class As A Proven Sire of Individuality and Well-Balanced Production

Read on the next two pages some of the reasons why DUTCHLAND COLANTHA SIR INKA is offered

FOR IMMEDIATE SALE

SEE NEXT PAGE

Please mention the Holstein-Friesian World when writing to our advertisers

(Continued from page 20.)

Newman. One outstanding fact is evident in the study of these three sires, and that is the preponderance of the blood of De Kol 2d. Of these six sires, De Kol Burke and Pietertje Hengerveld's Count De Kol are both sired by De Kol 2d's Butter Boy. De Kol 2d's Paul De Kol was a son of De Kol 2d. His sire, Paul De Kol, who is also listed, was by De Kol 2d's Prince, the oldest son of De Kol 2d. Homestead Jr. De Kol was sired by Paul De Kol Jr., who, in turn, was by Paul De Kol and from Sadie Vale Concordia, who has previously been mentioned in the story, and who in addition was the first 30-lb. cow of the breed. The sixth sire, Aaggie Cornucopia Newman, was from a former champion milk producer, Margie Newman, and sired by a direct descendant of Aaggie Cornucopia Pauline, the famous daughter of De Kol 2d's Paul De Kol. Other noted sires represented in the list are Paul Beets De Kol, Hengerveld De Kol, King Segis, King of the Pontiacs, Colantha Johanna Lad, Sir Pietertje Ormsby Mercedes, De Kol 2d's Butter Boy 3d, Pontiac Butter Boy, Sir Johanna De Kol, Aaggie Cornucopia Johanna Lad Jr., and Milla's Pietertje Netherland.

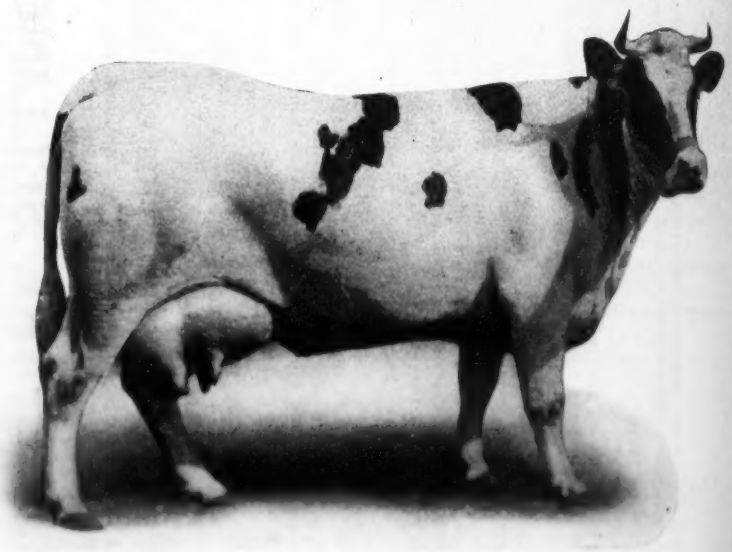
Almost a quarter of a century of Holstein progress is reflected pretty accurately in the table accompanying this story. It has meant a great amount of research to get out these facts for the benefit of World readers. We believe it is decidedly worth-while to preserve this table for future reference, as it brings out a fund of valuable information concerning the progress of the breed that has never before been published in such a complete and comprehensive form.

DE KOL CREAMELLE

The cow that after twelve years raised the best previous milk record of 726 lb. by over 54 lb. Former world champion for 100-day milk production and dam and grandam of the former world champion full aged and two-year-old milk producers under semi-official test. She produced over 26,000 lb. milk in a year and with her daughter and granddaughter held a world record for three direct generations.

KATY SPOFFORD CORONA

Whose junior 3-year-old records of 26.03 lb. butter from 590.3 lb. milk were both world records and stood in their class for close to ten years. One of the best known of the early foundation cows

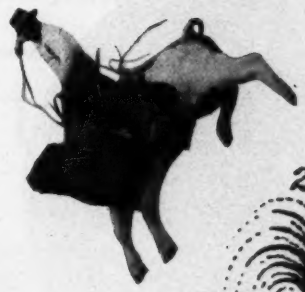


READY CHANGE

Butter 31.15 lb. Milk 759.4 lb. One of the first 750-lb. cows of the breed and dam of the former champion Dutchland Changeling Colantha Lad with a record of 946 lb. butter in a year as a 3-year-old. The 4-year-old record of 668 lb. milk made by Ready Change was at the time, champion in its class.

Over the top

We can't stop him.



The Phenomenal record of

Colantha Johanna Lad

117 A. R. O. Daughters. 20 above 30 lbs.

27 daughters above

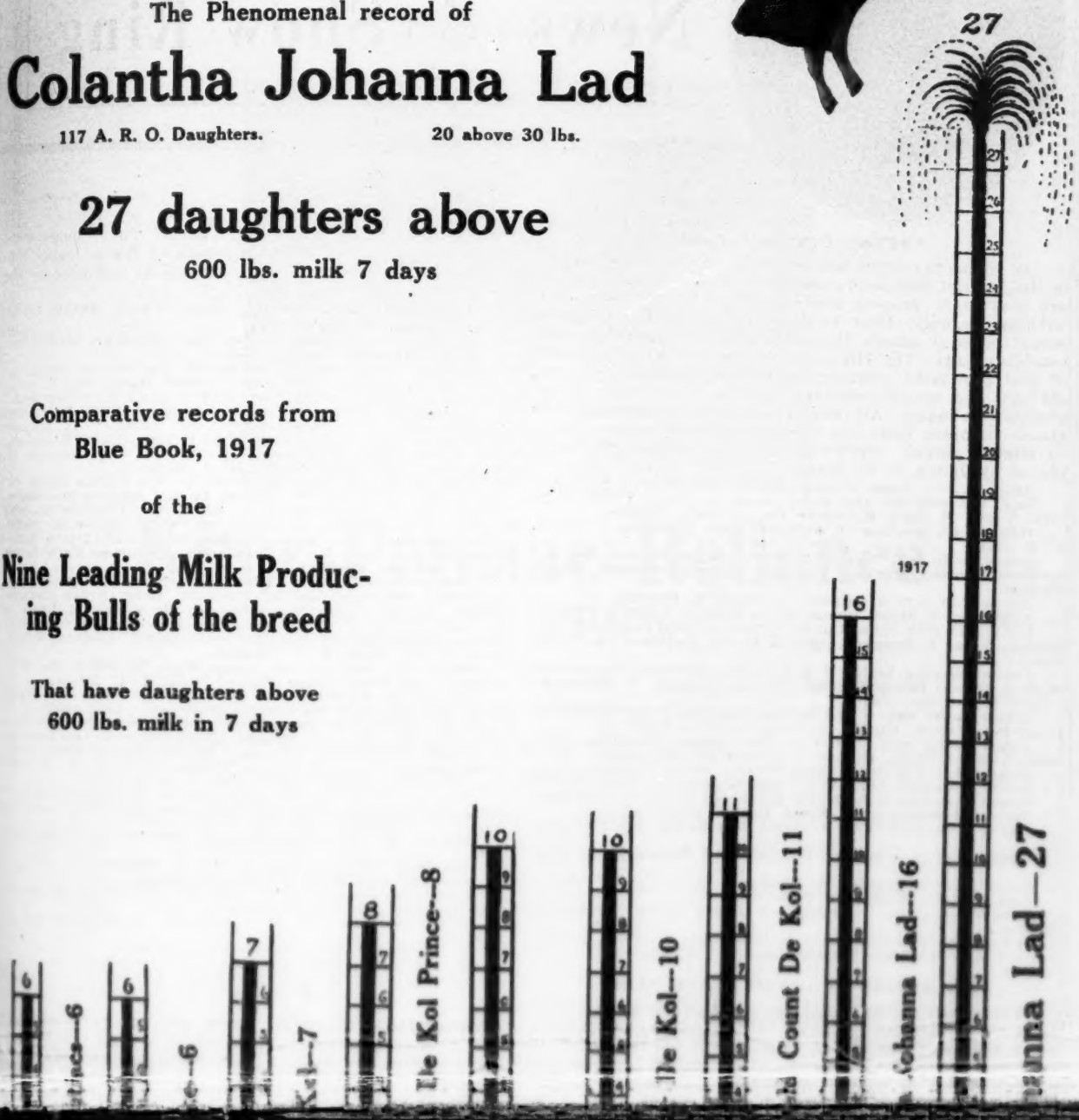
600 lbs. milk 7 days

Comparative records from
Blue Book, 1917

of the

Nine Leading Milk Producing Bulls of the breed

That have daughters above
600 lbs. milk in 7 days



Study the Preceding Pages

READ THE FACTS

ABOUT

Dutchland Colantha Sir Inka

HIS LIST OF DAUGHTERS

SHORT TIME RECORDS

Name.	y.	m.	Milk	Butter
Lorna Doone Colantha	5	0	574.20	35.18
Yankee Inka Mary	5	0	619.20	35.11
Yankee Lefa	6	6	568.80	32.09
Jenny Linn Colantha	4	0	512.20	30.95
Tirania Yankee Mary 2d	6	6	556.70	30.69
Tirania Girl Dutchland	3	0	545.80	30.61
Yankee Mabel 2d	7	0	606.60	30.52
Yankee Topsy	4	5	502.90	30.52
Yankee Mary Korn. Colantha	4	6		30.52
Yankee Helen	4	7	510.1	30.16
Colantha Yankee Mary Korndyke	5	2	553.70	30.09
Yankee De Kol de Yong Colantha	7	0	641.70	30.02
Annie Ridd 2d	4	11	538.20	30.01
Inka Mary Colantha	5	6	536.60	29.71
Yankee Daisy	4	0	447.10	29.04
Yankee Lefa Hark 2d	4	6	610.20	28.77
Tirania Yankee Colantha Maid	2	11	486.10	28.67
Inka Yankee Korndyke	4	6	599.20	27.95
Nebraska Colantha Maid	3	8	582.80	27.88
Yankee De Kol Hark 2d	4	6	580.20	27.60
Mary Colantha	7	0	509.1	26.84
Yankee De Kol de Yong 5th	6	11	512.90	26.15
Colantha Mary	5	0	413.40	25.68
Yankee Lefa Hark Colantha	3	3	493.00	25.41
Yankee Mary Korndyke Colantha	3	10	482.80	25.28
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

LONG TIME RECORDS

Name.	y.	m.	Milk	Butter
Yankee De Kol de Yong Colantha	7		24,704.6	1051.05
Colantha Yankee Mary Korndyke	3	6	19,082.10	835.05
Jenny Linn Colantha	2	4	18,506.80	796.65
Lorna Doone Colantha	3	8	19,557.3	790.27
Colantha Yankee Korndyke	4	5	16,569.7	758.35
Tirania Yankee Mary 2d	3	11	16,665.5	741.73
Colantha Hark Korndyke	3	3	17,476.6	740.88
Colantha Anselica	2	3	17,233.2	711.26
Inka Yankee Mary Korndyke	2	1	16,416.1	688.26
Yankee Lefa	3	3	14,938.20	675.11
Tirania Yankee Korndyke 2d	2	1	15,496.4	668.45
Yankee Hark Countess 2d	2	5	15,982.00	659.30
Yankee Lefa Hark Colantha	2	1	14,080.9	632.40
Yankee Mary Korndyke Colantha	2	5	13,618.4	631.40
Colantha Mary	2	1	15,324.50	598.92
Yankee De Kol Hark 2d	2	7	13,660.90	588.71
Peggy Korndyke De Kol 2d	2	4	13,466.2	577.46
Mary Colantha	2	7	13,677.40	556.38
Annie Ridd 2d	2	5	12,082.0	544.66
Inka Mary Colantha	1	11	12,810.00	531.08

Please mention the Holstein-Friesian World when writing to our advertisers

Yankee De Kol Hark 2d	4	6	580.20	27.60
Mary Colantha	7	0	509.1	26.84
Yankee De Kol de Yong 5th	6	11	512.90	26.15
Colantha Mary	5	0	413.40	25.68
Yankee Lefa Hark Colantha	3	3	493.00	25.41
Yankee Mary Korndyke Colantha	3	10	463.80	25.28
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Yankee De Kol Hark 2d	2	7	13,660.90	588.71
Peggy Korndyke De Kol 2d	2	4	13,466.2	577.46
Mary Colantha	2	7	13,677.40	556.38
Annie Ridd 2d	2	5	12,082.0	544.66
Inka Mary Colantha	1	11	12,819.00	521.08

A Leader From Every Angle

PERSONALITY

Size and constitution with ideal Holstein conformation are characteristics he imparts to his get with decidedly unusual regularity. DUTCH himself weighs close to 2800 lbs.—and we think he has the right to sire such individuals.

PRODUCTION

The figures given above and on the preceding pages furnish the most convincing testimony to the all around merit of his daughters—milk and butter—long and short time test— and every daughter tested. It's average figures that count.

PEDIGREE

DUTCH comes rightly by his greatness, and can thus be depended upon to breed true for generations. His sire is Colantha Johanna Lad, who is noted for the same things that DUTCH stands for, with respect to both individuality and production. His dam, Lady Princess Beets, is a 30.88-lb. 4-year-old daughter of Inka Princess' Canada Prince, the second dam being a daughter of Inka's Pietertje Netherland—a close combination of the Inka and Milla's Pietertje Netherland families. **Dutch looks as good on paper as he does in the flesh.**

PROMISE

According to our figures DUTCH now has 114 living daughters, with 66 already in the Advanced Register. There are about 40 cows bred to him in our herd and at Fancher Farm. His young daughters will receive a better opportunity for development than was ever accorded the older ones, which were widely scattered. Yet under these conditions last year alone—22 of his daughters were tested.

2 made over 35 lb.
7 made over 30 lb.
14 made over 25 lb.
21 made over 20 lb.
The twenty-second animal made over 15 lb. at 2 years.

MORE WILL BE TESTED THIS COMING SEASON

Before spring we shall have fifty to seventy-five of his daughters. Every one of them will be given a year's record as a 2-year-old, and year after year. Think what this will mean in connection with his present list of long-time producers.

WHY WE ARE SELLING HIM

By next season, in 2½ years service, we expect to have

NOTHING IN OUR HERD BUT DUTCH DAUGHTERS

That's the answer. Under these conditions DUTCH is worth more to us in some other herd where he will be given the widest opportunity—where his work will not be limited as would be the case were he to stay with us.

With our entire herd composed of DUTCH daughters we have a real concern as to where DUTCH spends the rest of his life. In offering him for sale, therefore, we reserve the right to refuse consideration unless a satisfactory program for development is submitted.

Dutch is only ten years old. Think of the fortunes Pontiac Korndyke and Hengerveld De Kol brought the purchasers that did not discriminate against an aged proven sire.

DO NOT LET THE GRASS GROW UNDER YOUR FEET

Just wire: "Meet me at Chautauqua tomorrow" and see the bull and his get.

They are the best "selling talk" we can offer.

ACT NOW—And With One Master Stroke Put Your Herd in the Front Rank With a Sire That is Already Known from Coast to Coast

Address

WILDER & SADD
Chautauqua Stock Farms

Location—Chautauqua, N. Y.

Telegraph—Jamestown, N. Y.
Mail—Mayville, N. Y.

(Continued from page 20.)

Newman. One outstanding fact is evident in the study of these three sires, and that is the preponderance of the blood of De Kol 2d. Of these six sires, De Kol Burke and Pietertje Hengerveld's Count De Kol are both sired by De Kol 2d's Butter Boy. De Kol 2d's Paul De Kol was a son of De Kol 2d. His sire, Paul De Kol, who is also listed, was by De Kol 2d's Prince, the oldest son of De Kol 2d. Homestead Jr. De Kol was sired by Paul De Kol Jr., who, in turn, was by Paul De Kol and from Sadie Vale Concordia, who has previously been mentioned in the story, and who in addition was the first 30-lb. cow of the breed. The sixth sire, Aaggie Cornucopia Newman, was from a former champion milk producer, Margie Newman, and sired by a direct descendant of Aaggie Cornucopia Pauline, the famous daughter of De Kol 2d's Paul De Kol. Other noted sires represented in the list are Paul Beets De Kol, Hengerveld De Kol, King Segis, King of the Pontiacs, Colantha Johanna Lad, Sir Pietertje Ormsby Mercedes, De Kol 2d's Butter Boy 3d, Pontiac Butter Boy, Sir Johanna De Kol, Aaggie Cornucopia Johanna Lad Jr., and Milla's Pietertje Netherland.

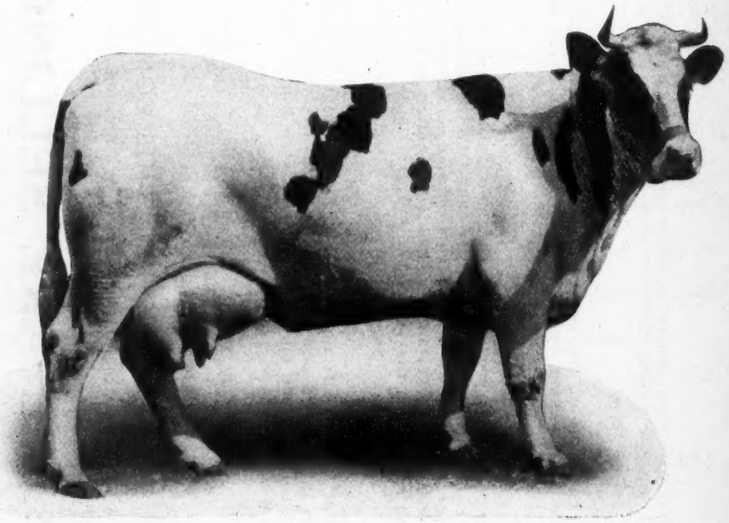
Almost a quarter of a century of Holstein progress is reflected pretty accurately in the table accompanying this story. It has meant a great amount of research to get out these facts for the benefit of World readers. We believe it is decidedly worth-while to preserve this table for future reference, as it brings out a fund of valuable information concerning the progress of the breed that has never before been published in such a complete and comprehensive form.

DE KOL CREAMELLE

The cow that after twelve years raised the best previous milk record of 726 lb. by over 54 lb. Former world champion for 100-day milk production and dam and grandam of the former world champion full aged and two-year-old milk producers under semi-official test. She produced over 26,000 lb. milk in a year and with her daughter and granddaughter held a world record for three direct generations.

KATY SPOFFORD CORONA

Whose junior 3-year-old records of 26.03 lb. butter from 590.3 lb. milk were both world records and stood in their class for close to ten years. One of the best known of the early foundation cows

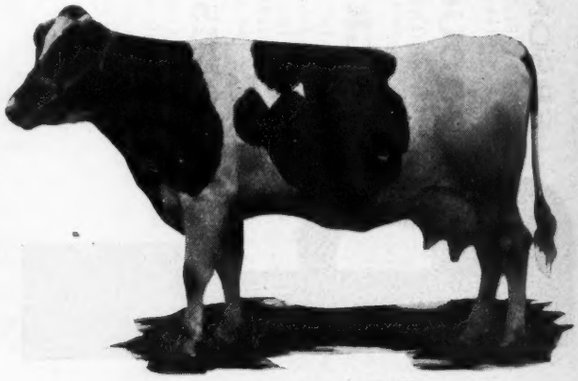


READY CHANGE

Butter 31.15 lb. Milk 750.4 lb. One of the first 750-lb. cows of the breed and dam of the former champion Dutchland Changeling Colantha Lad with a record of 946 lb. butter in a year as a 3-year-old. The 4-year-old record of 668 lb. milk made by Ready Change was at the time, champion in its class.

BESS PIETERTJE ORMSBY MERCEDES

In 1913 Bess Pietertje Ormsby Mercedes became the first 3-year-old to cross the 700 lb. mark and likewise the youngest 700 lb. cow of the breed. She now has records of 787 lb. in 7 days 3119 lb. in 30 days and 29053 lb. in a year.



JEWEL PONTIAC SEGIS

Her present record of 768.8 lb. made as a senior three-year-old is champion in its class as is also her year record of 27,068 lb. As a 2-year-old she made a record of 586 lb. and finished a year record of 21891.8 lb. milk.

Over the top

We can't stop him.

The Phenomenal record of

Colantha Johanna Lad

117 A. R. O. Daughters. 20 above 30 lbs.

27 daughters above

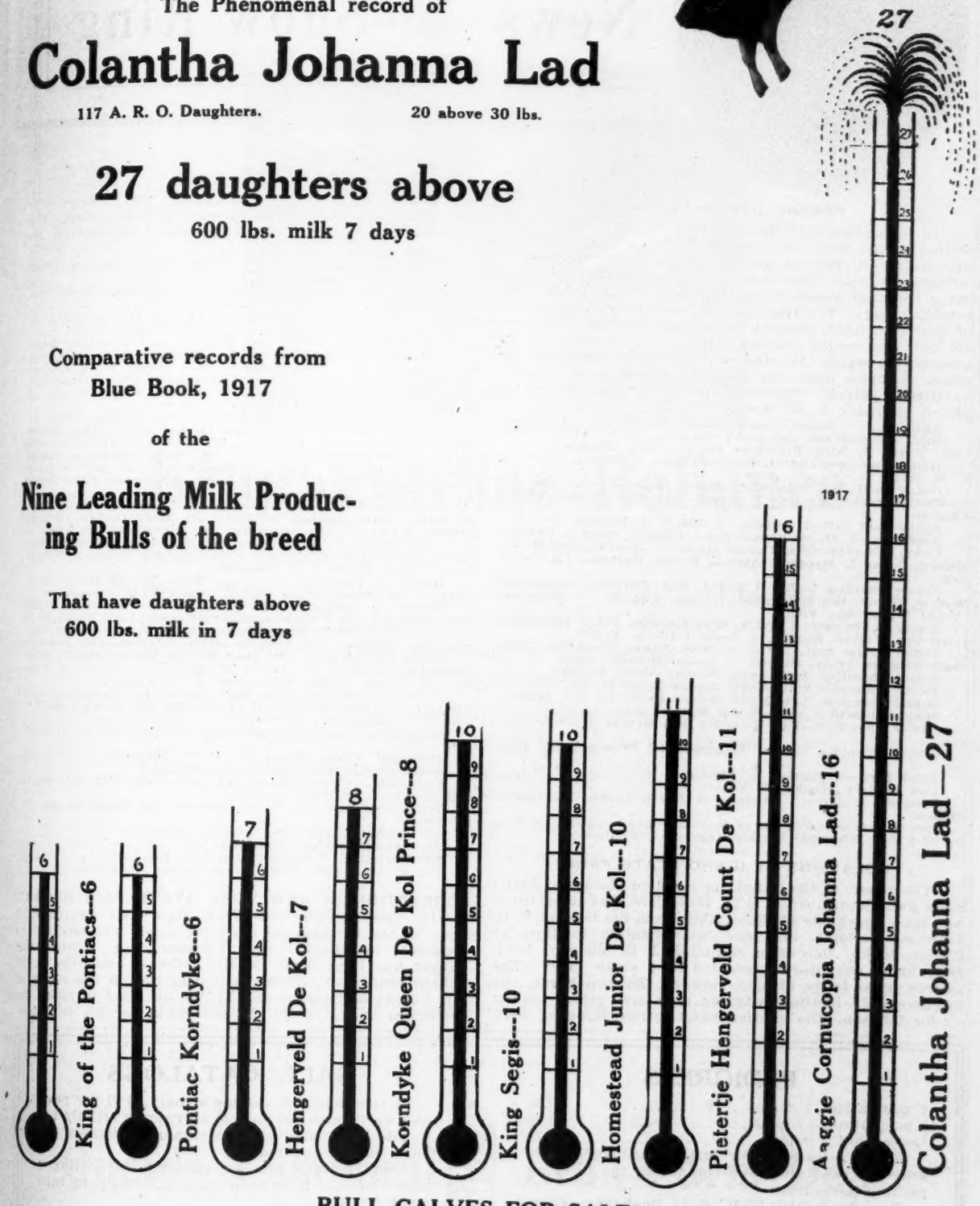
600 lbs. milk 7 days

Comparative records from
Blue Book, 1917

of the

Nine Leading Milk Producing Bulls of the breed

That have daughters above
600 lbs. milk in 7 days



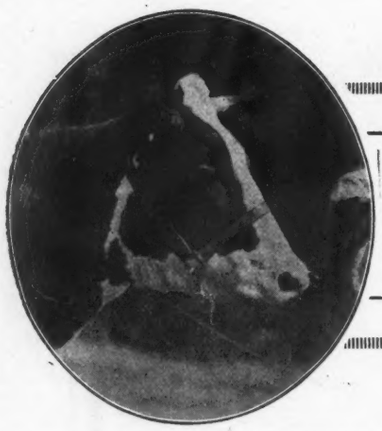
BULL CALVES FOR SALE

NOTED FIELD HERD

OWNED BY

D. W. FIELD FARM CO.

Oak Street, Montello, Mass.



News of the Show Ring

FRESNO DISTRICT FAIR

In connection with this report of the Holstein awards at the District Fair held recently in Fresno, California, we are pleased to present photographs of a number of the winning animals. Four herds were on exhibition., these being the well known Higdon, Vogel, Phillips and Helm establishments. The Higdon herd won the great majority of first premiums, winning all except age bull, two-year-old bull and senior yearling, together with senior championship on males. All other championships including the grand champion male and female at the show were taken by Higdon entries. Following are the detailed awards as placed by Judge E. W. Major:

Aged Bull—1, Segis Pontiac Mead, Phillips.

Bull, two-year-old and under three—1, Crown Prince Segis 24th, Vogel. 2, King Korndyke Pontiac 20th, Higdon.

Bull, senior yearling—1, Fidelia Prince Newtonia. Vogel, 2, F. M. Helm.

Senior bull calf—1 and 2, Model Bonnie Fobes De Kol Spofford Pontiac, Higdon. 3, Count Pietertje Ormsby Burke, Phillips.

Junior bull calf—1, Higdon. 2, Vogel. 3, Phillips.

Aged cow—1, Model Bonnie Echo, Higdon. 2 and 3, Phillips.

Cows, two-year-old and under three—1, Owen Pontiac Burke, Higdon. 2 and 3, Margaret Aurelia Burke, Kathleen La Verne, Vogel.

Junior yearling heifer—1 and 3, Fay Tritomia Hengerveld Walker, Trout Brook Pontiac Walker, Higdon. 2, Westlawn Cream Mechthilde, Vogel.

Senior heifer calf—1 and 3, Miss Bracelet Fobes Korndyke, Pearl Pet Walker, Higdon. 2, Leola Lifretta, Vogel.

Junior heifer calf—1 and 3, Miss Tulare Champion, Miss Segis Alcartra Prilly, Higdon. 2, Easter Bonnet, Vogel.

Senior champion bull—Segis Pontiac Mead, Phillips.

Junior champion bull—Model Bonnie Fobes De Kol, Higdon.

Grand champion bull—Model Bonnie Fobes De Kol, Higdon.

Senior champion cow—Model Bonnie Echo, Higdon.

Junior champion—Fay Tritomia Hengerveld Walker, Higdon.

Grand champion cow or heifer—Model Bonnie Echo, Higdon.

Aged herd—1, Higdon. 2, Phillips.

Calf herd—1, Higdon. 2, Vogel.

Produce of dam—1, Produce of Jewell Queen, Higdon. 2, Phillips.

Get of sire—1 and 2, Get of Mutual Fobes Longfield De Kol, get of Prince Riverside Walker, Higdon. 3, Phillips.

HOLSTEINS AT IDAHO STATE FAIR

The report of the awards in Holstein classes at Idaho State Fair, September 23 to 28, 1918, show that competition was made up chiefly of the exhibits from the herd of F. O. Johnson, Meridian, Ida., and Intermountain Institute at Weiser, Idaho. One other exhibitor, J. B. Moon of Meridian, Idaho was also represented by a single entry. The awards were fairly divided between the two herds, the Intermountain Institute winning nine first prizes against six for Johnson. The Intermountain entries, however, were able to take all championship awards. The ribbons were placed by Professor E. F. Rinehart of Boice, Idaho. Following is a detailed list of the awards as furnished by the Secretary of the Fair:

Bull, 3 years or over—1st, Segis Walker Hartog 162423, Intermountain Institute.

Bull, 2 years and under three—1st, King Segis Walker Pietertje Vale 190970, F. O. Johnson.

Bull, sr. calf—1st, Sir Hawkins Walker Hartog 240510, Intermountain Institute; 2d, Segis Walker Hartog 240510, Intermountain Institute; 3d, Prince Walker Pearl Korndyke 246458, F. O. Johnson; 4th, Albion De Kol Walker, 240507, Intermountain Institute; 5th, Segis Walker Coeln 246459, F. O. Johnson.

Bull Jr. Calf—1st, Walker Lad Hartog 240512, Intermountain Institute; 2d, King Walker Sadie Vale, F. O. Johnson; 3d, Snowflake Idaho King 246460, J. P. Moon.

Cow, 3 yr. and over—1st, Susie De Kol Pauline 127682, Intermountain Institute; 2d, Tirania De Kol Johanna Mackthilda, 162418, Intermountain Institute; 3d, Gerben Clothilde Spofford 154503, Intermountain Institute; 4th, Viola Shadeland 154184, F. O. Johnson; 5th, Susie De Kol Pauline 3d, 245999, Intermountain Institute; 6th, Viola Shadeland Princess Katie 340600, F. O. Johnson, Meridian.

Cow or heifer 2 years under 3—1st, Ferndale Alice Mercena 2d 324453, Intermountain Institute; 2d, Lady Gerben Clothilde 349060, Intermountain Institute; 3d, Snowflake Madrigal of Sarcastic 340999. F. O. Johnson; 4th, Maud De Kol Homestead 324455, Intermountain Institute; 5th, Queen Johanna Netherland De Kol, 340598, F. O. Johnson.

Heifer Sr. yearling—1st, Hague Segis Walker Bessie, F. O. Johnson; 2d, Hague Segis Walker Topsy, F. O. Johnson.

Heifer Jr. yearling—1st, Segis Walker Shadeland 413360, F. O. Johnson; 2d, Viola Shadeland Sarcastic Lady 365231, F. O. Johnson; 3d, Institute Hope Walker 441619, Intermountain Institute; 4th, Mercena Alice Ormsby 441618, Intermountain Institute.

Heifer sr. 1st calf—1st, Jane Slocum Hartog 441621, Intermountain Institute; 2d, Prince Walker Violet V., F. O. Johnson; 3d, Prince Walker Kriemhielt, F. O. Johnson.

Heifer jr. calf—1st, Viola May Hartog, Intermountain Institute; 2d, Bess Boon Walker, F. O. Johnson; 3d, Violet Vale Dixie Girl, F. O. Johnson.

Graded herd—1st, Intermountain Institute; 2d, F. O. Johnson.

Breeders' Young Herd—1st, F. O. Johnson.

Breeders' Calf Herd—1st, F. O. Johnson.

4 animals, any age, either sex, get of sire—1st, Intermountain Institute; 2d, F. O. Johnson.

Produce of dam—1st, F. O. Johnson; 2d, Intermountain Institute.

Sr. Champion bull—Intermountain Institute.

Jr. Champion Bull—Intermountain Institute.

Sr. Champion Cow—Intermountain Institute.

Junior Champion Cow—Intermountain Institute.

CORRECTION IN NEW YORK STATE FAIR REPORT

In reporting the New York State Fair awards first place in the two-year-old class for males was credited to Pleasant View Stock Farms of Jasper, N. Y., whereas the winner was King Segis De Kol Daphne, owned by L. E. Hilborn and B. F. Norton and exhibited in the name of Mr. Norton of Canisteo, N. Y. We are glad to make the correction and give Mr. Norton credit for his winnings.

PEDIGREES

4 generation, 3 copies $1.00
5 generation, 3 copies $1.75
Loose-leaf, 3 copies $0.75

These prices are for strictly up-to-date pedigrees, in two colors and contain all the facts regarding the animal.

We also furnish "B-B" Herd Registers, certificate envelopes, in fact all kinds of office forms for the up-to-date Holstein man.

Try us PLEASE.

SALE CATALOGS

A complete sale catalog at only $3.00 per page and we furnish 500 copies, all records strictly up-to-date. We make 50 sale catalog pedigrees per day. Samples on request.

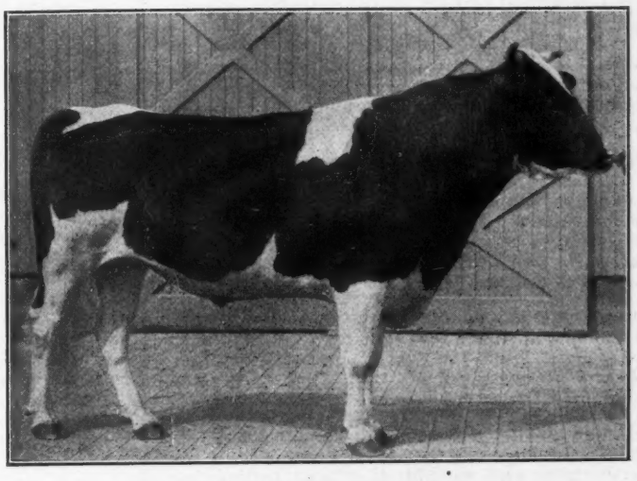
Don't delay if you are planning on holding a sale—because it is sometimes necessary to turn away work.

Write us today.

BACKUS BROS. PEDIGREE CO. **MEXICO, N. Y.**

Oneida Community Herd

Tuberculin Tested



King Pontiac Reliance

SIRE—King of the Pontiacs.

DAM—Maple Knoll Helen 33.16 lb. butter 7 da. the best daughter of King Korndyke Hengerveld Ormsby.

We have the following bulls for sale all by the above sire.

No. 1—Born Dec. 24, 1917. A beautiful individual, well grown and thrifty from a 22-lb. Jr. 3-year-old daughter of King Pledge Segis.

No. 2—Born Jan. 26, 1918—a perfect individual from a 33-lb. Jr. 4-year-old daughter of King Pledge Segis.

No. 3—Born Jan. 15, 1918. A splendid calf in every way. Fit for any herd. Dam a 33-lb. granddaughter of King of the Pontiacs.

No. 4—Born Dec. 29, 1917. A perfect individual extra well grown and attractive. Dam a wonderful dairy cow by Onyx Pledge Lad 2d and with a record of 29.94 butter 7 da. and 116.57 butter 30 da.

Any one of the above animals will suit you individually. They will be sold—guaranteed in this respect. We will also guarantee them free from tuberculosis.

Write to

Oneida Community, Ltd., Farm Dept.

Kenwood, Madison Co., N. Y.

The Outlook for Supervisors

BREEDERS who are contemplating official testing during the coming season will be interested in the following communications regarding the supply of testers. It will be remembered that in the World a few weeks ago appeared a letter from Superintendent Gardner urging complete cooperation with the authorities on the part of breeders who were planning on making records this season. If the probable requirements are stated far enough in advance it seems to be felt by those who are in a position to know that a sufficient supply of supervisors can be secured. The men who have been doing this work for the past year being mostly young men just out of college, it is undoubtedly the case that an unusually large proportion of them are now in army service. Explaining the situation Prof. Wing of Cornell University, Ithaca, N. Y., writes:

"The present prospects are that I shall be able to furnish supervisors fairly regularly especially to those who apply for dates well in advance. I am expecting to use all available material for this work and shall use girls and women as fast as competent ones apply for the work. We have been obliged to revise our schedule of rates largely because of the increased cost of railroad transportation." This new schedule which applies for the coming season appeared in the October 26 issue of the World.

Professor C. H. Eckles of University of Missouri who is soon to take charge at the University of Minnesota writes that thus far they have been able to meet practically all the demands for supervisors of tests. Concerning the situation Prof. Eckles writes:

"This has been made possible by the fact that most of the testing in this state is on a yearly basis making it possible to employ testers by the month giving them definite assignments for each month at the beginning of the month. Furthermore the amount of official testing has somewhat declined in this state due to the high cost of feed and especially to the high cost of labor. We hope to be able to meet the demands for testers in most cases and will do our best. We have warned the breeders, however, that we may not be able to do so. While we are contemplating the employment of women as testers for the Cow Testing Associations we have not as yet contemplated employing them for official testing."

MORE RECORDS AT PINE GROVE FARMS

Recent purchasers of animals from Pine Grove Farm have benefited very materially of late by reason of the records being made at the farm. Superba Ethel Rag Apple, a 2-year-old daughter of Rag Apple Korndyke 8th, purchased in the Pine Grove sale by Daniels and Petrie of Attica has crossed the 20-lb. mark and gives indication of making right close to 23-lb. before the close of her test. Two other cows recently sold to Mr. Tarr as reported in a recent issue of the World have made better than 30-lb. One, Min Jessie Pontiac De Kol, a sister to Lady Pontiac Johanna (41.81 lb.) has made 32.40 lb. after giving birth to a heifer calf by the Mighty Monarch and the other, Pauline Lakeside Butter Boy De Kol, a granddaughter of Sir Johanna Butter Boy has also made over 32 lb. after throwing a bull calf by the Mighty Monarch, while a third, Canary Piebe De Kol, as a senior three-year-old has made 28.30-lb. butter from close to 500 lb. milk. We understand these records are only a forerunner of what might be expected from Pine Grove Farms during the coming winter.

Every producer, every distributor and every consumer is individually responsible for maintaining a never-failing flow of the best quality of food from America to our troops in France.

The wheat harvest is encouraging but the demands are many and wheat conservation must be maintained.

Wichita Holstein-Friesian Sale

WICHITA, KANSAS

At the Forum December 12, 1918

80 HEAD

Consigned by Eight of the Leading Breeders of the State

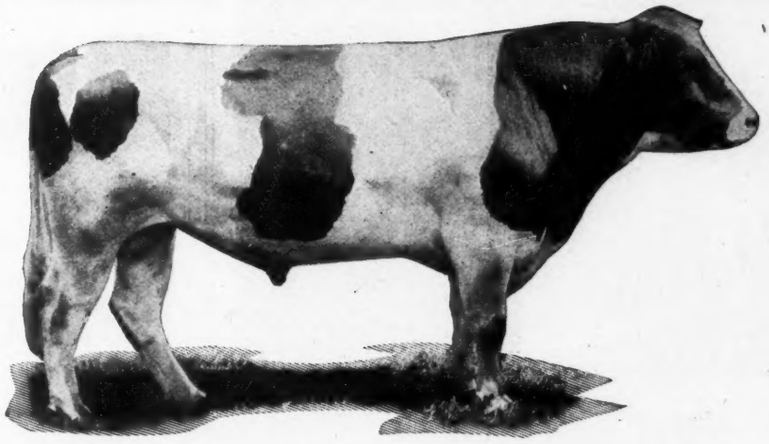
40 With A. R. O. Records

The Greatest Lot of Holsteins Ever Assembled in the State.

Write for Catalog.

W. H. MOTT Herrington, Kansas

KING SEGIS PONTIAC COUNT



and His Full Brother

KING SEGIS PONTIAC SUPERIOR

A full brother to King Segis Pontiac Count, he inherits all the same qualities that are making that sire, one of the most sensational of the breed. Sired by a son of the first 37-lb. cow and first cow to produce over 1000 lb. butter fat in a year from K. P. Lilith Clothilde, a 29-lb. daughter of King of the Pontiacs with a year record of 1043.28 lb. butter from 22,229 lb. milk as a 4-year-old which milk record was a world's record at time of making. King Segis Pontiac Superior is one of the leading sires in our herd and his daughters will have the same opportunity of development as has been given the daughters of his full brother. One of his sons will be of infinitely more value in the not far distant future.

"SUPERIOR" SONS FOR SALE

1. **SUPERIOR PONTIAC** (Born Nov. 22, 1917). Sired by King Segis Pontiac Superior, from Eureka Pontiac Mabel with a senior 3-year-old record of 25.88 lb. butter from 427.0 lb. milk in 7 days and a 30-day record of 107.18 lb. butter from 2049.8 lb. milk in 30 days. She also has a 20-lb. junior 2-year-old record and is sired by King Pontiac Royal (36 A. R. O. daughters) he by King of the Pontiacs from a daughter of Hengerveld De Kol. The second dam of this bull is a 24.48-lb. granddaughter of Butter Boy Pietertje with three A. R. O. daughters

2. **SUPERIOR PONTIAC ROYAL** (Born Oct. 22, 1917). Sired by King Segis Pontiac Superior, from EUREKA PONTIAC CORABEL, a 3-year-old daughter of King Pontiac Royal (see No. 1 for information on this sire) with a record of 21.41 lb. butter from 443.6 lb. milk. Her dam is a 24.15-lb. 4-year-old granddaughter of Butter Boy Pietertje from Corabel Burton Pauline with a record of 22.56-lb. butter and dam of 3 A. R. O. daughters. An unusually well bred calf

3. **SUPERIOR SEGIS DAW** (Born May 2, 1917). Sired by King Segis Pontiac Superior from Eureka Dossie Daw with a 4-year-old record of 21.35 lb. butter from 494.9 lbs. milk. She is sired by a bull that is by a son and from a daughter of De Kol 2d's Butter Boy 3d. The second dam is a 23.13-lb. cow with three A. R. O. daughters and she in turn is by a grandson of De Kol 2d's Butter Boy 3d.

4. **SUPERIOR SEGIS DAGMAR.** (Born April 18, 1917). Sired by King Segis Pontiac Superior from Aroc Segis Dagmar, a 14-lb. 2-year-old daughter of Newburn Segis Johanna (son of King Segis) and sister therefore to Elmside Nudine Segis Johanna, a 31-lb. cow and former world's champion year producer with a 2-year-old milk record of 22,802.3 lb. The second dam is an A. R. O. granddaughter of the great show bull, Bernardo Tula De Kol.

5. **SUPERIOR SEGIS DOSSIE** (Born November 3, 1917). Sired by King Segis Pontiac Superior from Eureka Dossie Daw De Kol with a 17.60-lb. 3-year-old record and dam of two A. R. O. daughters. She is by a sire carrying 50 per cent of the blood of De Kol 2d's Butter Boy 3d from a 23.13-lb. cow with three A. R. O. daughters and she by a grandson of De Kol 2d's Butter Boy 3d.

These Young Bulls Are Priced to Move Them Quickly

Do Not Delay If You Want One of Them

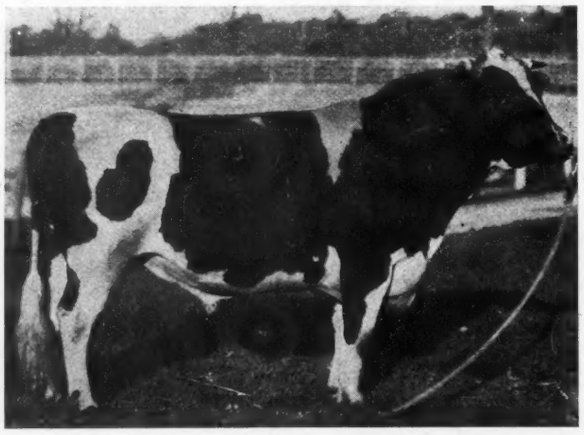
ARDEN FARMS St. Paul, Minn.

J. M. HACKNEY, Owner

ORMSBY KORNDYKE LAD

Five
30-Lb.
Daughters
All Under
Full Age

The Bull
That Sires
Champions



Get One of His Sons Today

HARRY B. DAVIS Chester, N. Y.

$275.00 BUYS

A BULL CALF—Born May 23, 1918

whose two nearest dams average

34.01 Pounds

Well grown, perfectly straight, a little more black than white but nicely marked.

Pedigree and particulars upon request.

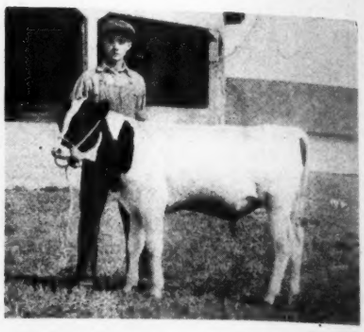
A BARGAIN

BLACRES

BENNETT & LATZER Wellsboro, Pa.

SHEBOYGAN COUNTY CALF RAISING CONTEST

The accompanying illustration showing winners in the Sheboygan County Calf raising contest furnish a strong argument in favor of maintaining institutions in this nature. Particular at-



The sweepstakes and first prize winner at the Sheboygan County Calf raising contest. The proud attendant is Victor Jacobs, Sheboygan High School boy, placed on farm of R. B. Melvin & Son by County Agent M. J. Hoppert. The appearance of the calf testifies to Victor's skill as a calf raiser.

tention is called to the fine condition of these prize winners and the interest in the work so plainly manifested on the faces of everyone of the contestants. It is impossible to measure in

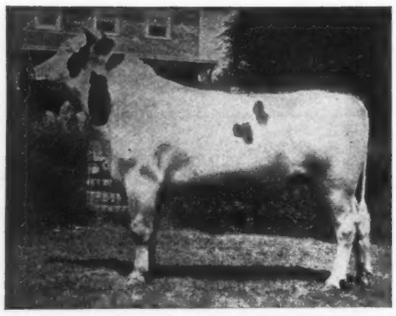
Judging part of the thirty-one calves in the First Sheboygan County Calf raising contest. The judging took place at the Sheboygan County Fair. A total of $235 was awarded as prize money of which the Sheboygan County Holstein breeders association donated $50.00 in cash.

money the value to a community of a project which is capable of arousing such a high degree of interest in one of the leading and basic industries of the community on the part of the young people. It is safe to say that

(Continued on page 50.)

LISETER HERD

NEWTOWN SQUARE, PA.



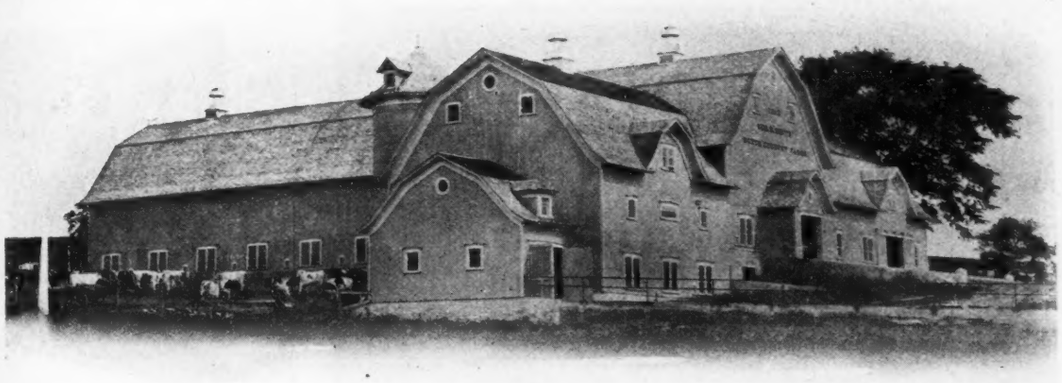
MODEL ANNIE KING SEGIS 164697

This Bull combines the finest individuality, highest quality and best breeding.

J. L. AUSTIN Rosemont, Pa.

SAMUEL W. HAGAN, Herdsman

NORTH COUNTRY FARMS



TWO years ago we made our first start in official testing at North Country Farms. Last year our second season in this work, we completed seven records ranging from 30 to 34 lbs. and including a two-year-old heifer with 31 lbs. The first year we developed a world record pair of twin yearlings, their records averaging better than 18 lbs. Last year these same two heifers came back as senior 2-year-olds with records averaging better than 28 lbs. giving them another world record for twin two-year-olds.

If you would own sons of such cows, sired by our herd bull, KING KORNDYKE WINONA (a son of Korndyke Winona the 42-lb. $16,000 daughter of Pontiac Korndyke) you can get in line at once.

G. N. SMITH Watertown, N. Y.

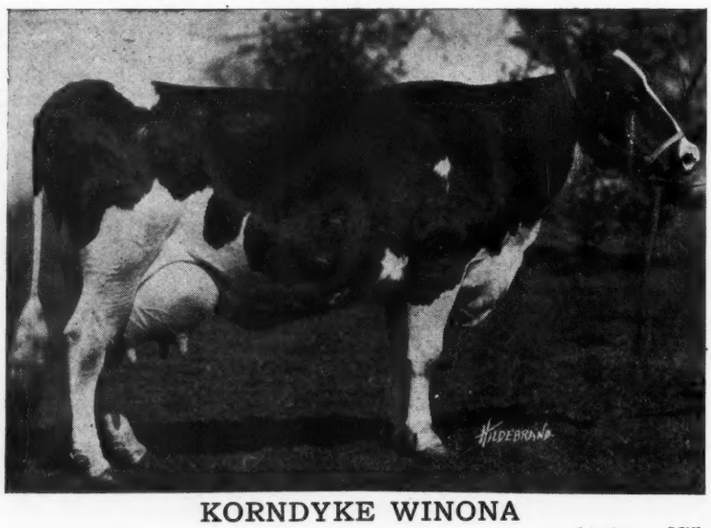
KING OF THE SADIE VALES A

WILL BE BRED TO THE

KING OF THE

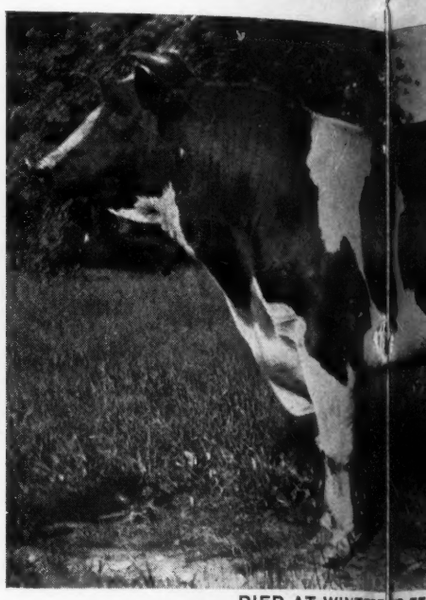
The Only Bull in the World With

His 42.16-lb. Sister



KORNDYKE WINONA

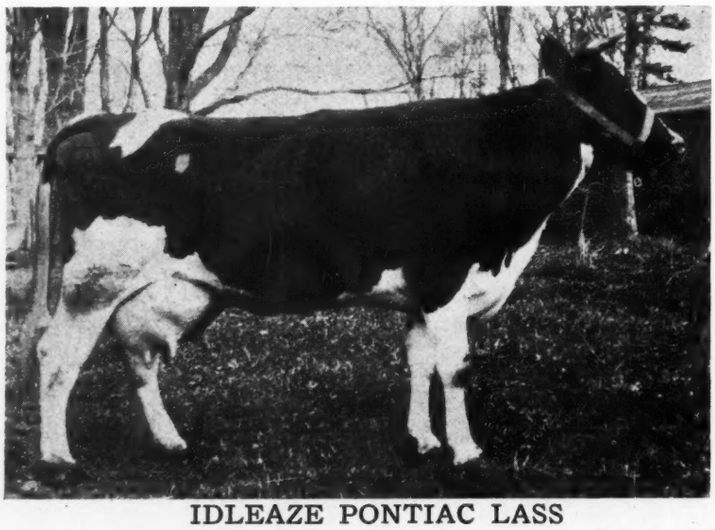
	Butter.	Milk.
7 days	42.16	750.6
30 days	147.69	2651.6



DIED AT WINTERT R FE

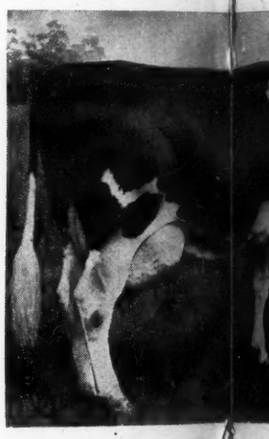
King of the Pontiacs has a 44.18-lb., a 42.4 and and a 40.15-lb. granddaughter. He has 28 30-lb. daught other bull in the world has as many 40-lb. daughters. 30-lb. daughters.

His 42.48-lb. Daughter



IDLEAZE PONTIAC LASS

At 4 years 14 days	Butter.	Milk.
7 days	42.48	715.5
30 days	141.08	2811.0



K. P. PONTIAC

7 days	
30 days	

KING OF THE PONTIACS is in a class by himself with his three 40-lb. daughters; his twenty-eight 0-lb.

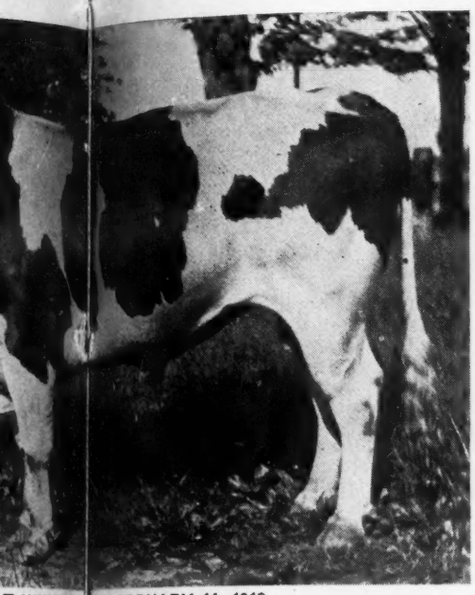
WINTERTHUR, ALLAMUCHY or TRANQUILITY Farms, at Winterthur, Del., and Allamuchy, N. TIACS—KING OF THE SADIE VALES combination of breeding. Calves having these three bulls in their pe The sires in their pedigrees have produced ten 40-lb. daughters.

ES AND KING OF THE ORMSBYS

ED TO THE DAUGHTERS OF

THE PONTIACS

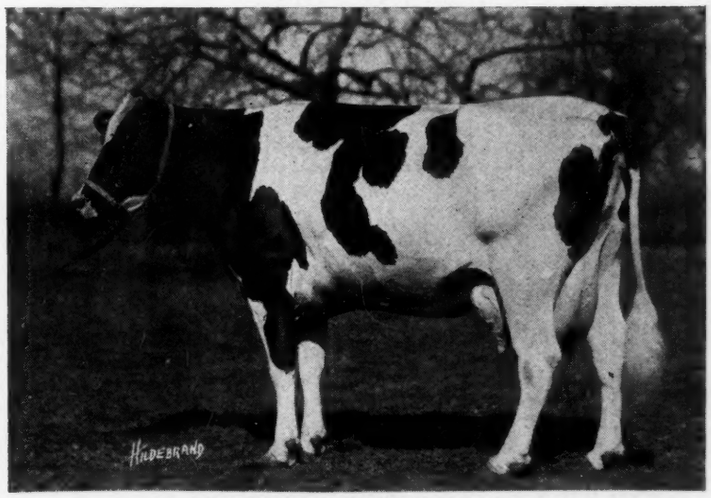
e World With Three 40-lb. Daughters



T WINTERT R FEBRUARY 14, 1918

.18-lb., a 42.48-lb. and a 40.15-lb. daughter. He has a 43.52-lb. e has 28 30-lb. daughters. He also has a 47.16-lb. sister. No ny 40-lb. daughters. No other bull in the world has as many

His 47.16-lb. Sister



FAIRVIEW KORNDYKE MATA

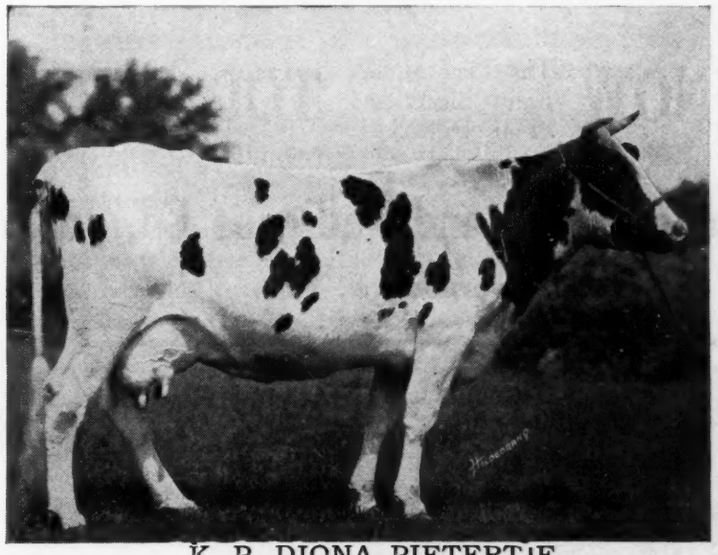
	Butter.	Milk.
7 days	47.16	801.5
30 days	185.28	3216.6

(World's 30-day record)

His 40.15-lb. Daughter.

K. P. PONTIAC LASS

	Butter.	Milk.
	44.18	585.9
	171.50	2316.4



K. P. DIONA PIETERTJE

	Butter.	Milk.
7 days	40.15	825.6
30 days	128.18	2912.8

enty-eight 30-lb. daughters; his two 42-lb. sisters; his two 40-lb. granddaughters; and his fifty 30-lb. granddaughters. d Allamuchy, N. J., are the only places in the world to get KING OF THE ORMSBYS—KING OF THE PON- bulls in their pedigrees represent a combination of blood lines which cannot be found in any other herd in the world.

THE
DAIRYMEN'S CONVENTION
SALE
SYRACUSE, NEW YORK
DECEMBER 12-13, 1918
We Solicit Your Consignment

Here Are the Reasons
Best Time
Best Market
Best Place

We want more HIGH CLASS cattle.

That the Dairymen's Convention sales offer one of the best markets through a class of appreciative buyers has been proven beyond possible doubt.

Coming again when the dairymen of the Empire State are assembled for their Convention, it will offer the same market as of previous years.

NOW The Time to Get Entry Blanks and Full Particulars TODAY

Liverpool Sale and Pedigree Co., Inc.
Liverpool, N. Y.

THE COMING WATERTOWN (WIS.) SALE

The Watertown Holstein Sales Co. feels proud of the 140 head they have assembled for their sale on Nov. 21 and 22, and they have a right to feel proud of them, consisting as they do of 100 large rugged milch cows with records ranging up to 30 lb., and superb individuals. They insisted on such quality for this sale when inspecting the offerings. The sale also includes 15 choice yearling bulls, from dams up to 30 lb., having splendidly balanced pedigrees. The remainder, 25 choice heifers, are from dams up to 31 lbs.

They have many choice consignments coming from some of the very best herds in the state. Attention is called to Walter Reed's offerings—a 30-lb. cow seven years old, rare individuality, in calf to his herd sire, Sir Korndyke Bess, formerly herd sire in Mr. Schroeder's herd at Moorhead. This cow is one of 18 direct descendents of one of Mr. Reed's foundation cows, among which descendenas are three 30-lb. cows and two 24-lb. two-year-olds. Mr. Reed also offers a two-year-old daughter of a 31-lb. cow and a two-year-old daughter of 24-lb. junior two-year-old. These are also bred to Sir Korndyke Bess. Mr. Goldthorpe of Milton Jct., Wis., offers among others, eight head of milch cows with records up to 28 lb., all grand individuals and bred to a 36-lb. son of Sir College Cornucopia 2d. They have other consignments worthy of mention but space hardly permits. John L. Fischer will sell a 22-lb. five-year-old cow that took the blue at Milwaukee in 1917 and also her son by King Segis Pontiac. Fred Pabst offers one of the best individual bulls that ever left his barns. The dam has 29.83, second dam 27 lbs., third dam 29 lbs. The four nearest dams of the youngster average 918 lb. in yearly performance. These things coupled with an enviable record for square dealing makes it a pretty safe proposition for parties contemplating purchases to attend this sale.

Francis Darcey, Secy.

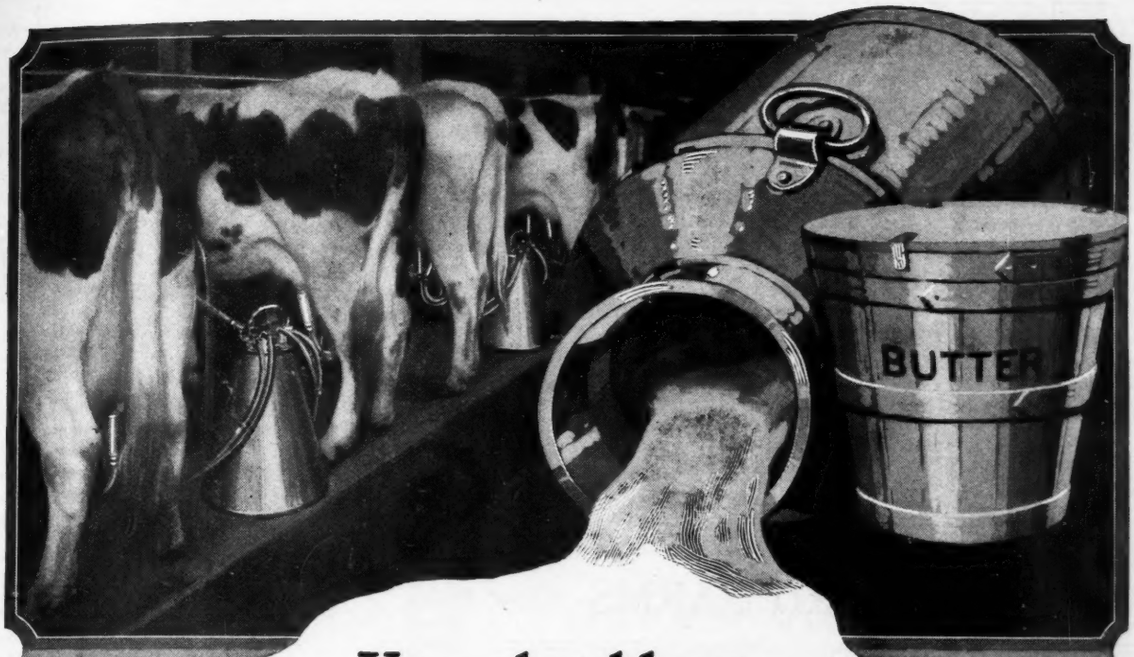
A simple way to sterilize milk cans, pails and vessels at home is suggested in "Home and Community Hygiene" by Jean Broadhurst. A large flat pan is filled with water, placed on the stove and the can or pail inverted in it. As the water boils, steam (under slight pressure) fills the inverted vessel.

GREAT PETER

A son of a 42-lb. cow and full brother to two 42-lb. cows.

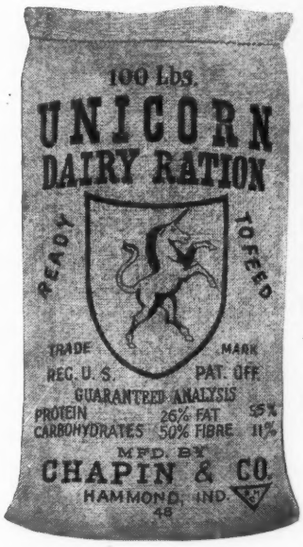
His sons carry 50% of the same blood as the only 42-lb. 2-yr-old.

SUSQUEHANNA FARMS
Lee Kinne, Owner
HARTWICK SEMINARY, NEW YORK



You should use
UNICORN DAIRY RATION

Because—it will make more milk and cut down your milk costs.



Because—you can save from 10 to 20% of your feed costs through the use of fewer pounds of grain per cow and the increase in milk or fat per cow.

Because—there is 10% more available food material in Unicorn than in any ration on the market.

Because—it saves labor and the mistakes of mixing and feeding. It is always uniform and reliable.

Because—Unicorn Dairy Ration is suitable for feeding alone, or can be fed with home-grown corn, oats or barley. Unicorn contains ample protein and may therefore be used either as a protein feed or as a complete ration.

Ask your dealer or write

CHAPIN & CO.,
Dept. S Chicago

WE WANT TO START SOMETHING

By placing some one right at the top with a son of Idealze Pontiac Lass the 42½-lb. 4-year-old heifer that has the world's record for milk and butter combined in her class, and topped the National sale in females last June at $13,000.
And 12 young daughters of King Pontiac Pelham De Kol her full brother from A. R. O. daughters of King Segis, Colantha Johanna Lad, Tidy Abbekerk Prince, Clothilde Concordia and others. Records as high as 30 lbs.
The breeding and individuality is in keeping with the Idleaze quality and the price $12500.

Address—IDLEAZE FARMS **St. Johnsville, N. Y.**

HURD FARMS

Headed by

Hilldale Korndyke Abbekerk

"The bull that produces them worth while"

His entire list of daughters that have freshened to date:

Hurd's Mettamae Pontiac, 3y
Butter 27.145
Milk 519.00

30 days—
Butter 112.618
Milk 2441.2

Hurd's Korndyke De Kol, 2y
Butter 21.001
Milk 500.6

Hurd's De Kol Korndyke, 2y
Butter 19.66
Milk 346.00

Hurd's Korndyke Beets, 2y
Butter 17.52
Milk 376.80

Hurd's Belle Korndyke, 2y
Butter 17.48
Milk 443.00

Hurd's Pauline Korndyke, 2y
Butter 15.91
Milk 398 00

Service fee, $100 for approved cows. Pedigrees and pictures on application

C. W. HURD, Prop.

HURD FARMS Elma, N. Y.

THE WILLINGTON HERD

Senior Sire—King Segis Pontiac Willington, 158145. The best son of King Segis Pontiac Alcartra and out of Prilly Princess Julia De Kol (30.44 butter at 4½ yrs.) His first daughter to be tested made at 21 months 23.97 butter, milk 390.5.

Junior Sire—King Korndyke Fannie Veeman, 199675. The best son of King Korndyke Sadie Vale, the only sire to have a 40-lb. daughter, a 40-lb. dam and a 40-lb. sister and out of a 30.51-lb. 3-year-old daughter of Sir Veeman Hengerveld.

Our herd is under the supervision of the U. S. Dept. of Agriculture and is guaranteed free from disease.

The only thing we have to offer is a very well grown bull born Feb. 21, 1918, sired by King Segis Pontiac Willington and from a 20-lb. 2-year-old. Priced right for quick sale.

This is a combination that cannot be beat.

GARDINER HALL, JR. & CO.

R. L. BIRDSALL, Mgr. SOUTH WILLINGTON, CONN.

(Continued from page 44.)

the work in this contest has given every one of the contestants not only

Two of the most prominent winners. Calf on the left won sweepstakes prize of $100, under the care of Victor Jacobs and donated by George Buelke, Plymouth. Calf on the right won third place in pure bred heifer class. Raised by Earl Laux of Random Lake, Wis.

a better knowledge of how to raise dairy calves successfully but a keener desire to make the greatest possible success of this line of work. The illustrations will speak for themselves.

It is estimated that Australia has enough cows to give to each man, woman and child in the island continent three each, while Argentina can do even better. There are five cows to each inhabitant in the big South American country. At first thought, we might expect Europe to replenish her cattle lack in these well supplied countries after the war. But it isn't as big as it sounds. They don't grow the mile-a-minute-cow in these regions —the Holstein—so we should worry as to Uncle Sam's chances when expecting time comes.

WANTED

December 1st

I want an assistant in our barns—one who understands cattle as well as the handling of men. We have a good future for a man with brains that is not afraid of work. We want a high class man—prefer one with college training or one with practical experience. Apply in person or if writing, give references.

Earl D. Upton, Manager
Dutchland Farms
Fred F. Field Holstein Co.
Brockton, Mass.

YEARLY RECORDS

20,000 lbs. at 2 years **30,000 lbs. at 10 years**

A son of one of these cows sired by a son of the other one is what we offer and his two nearest dams average:

Butter ..... 1034.36 lbs.
Milk ..... 25,390.00 lbs.

He is ready for heavy service. A good individual more black than white. Write for pedigree and photos. The price is $450.00.

LAKESIDE FARM

C. P. HARPER Watertown, Conn.

CALIFORNIA REMINISCENCES

Editor World:

Your front cover illustration on the August 31 number calls to mind a most delightful experience. It was in May 1901 that the first A. R. O. tests were conducted in California and I am the fellow who supervised them. In August 1900 I came from Cornell University to California to introduce a dairy department into the State University. There were few black and whites here in those days and the the different herds could almost be counted on the fingers of one hand. Under the guidance of Professor Wing I had supervised tests in the then leading herds in New York and knew the value of official testing. Accordingly, one of my early ventures was to announce that the California Station would conduct tests of registered cattle. The first response came from the Stanford Ranch at Vina, Tehama County of which Mr. T. H. Ramsay was then manager. Several cows were put on test but all except one were soon eliminated because only this one was making advanced registry requirements. It is apparent that the supervisor must have had an easy time and I assure you that he made the most of it. The activities of a general ranch of 25,000 acres are numerous and varied. I was in time to see the clipping of 15,000 sheep just before they were sent out on their summer mountain range. On the back of Mr. Ramsay's best saddle horse I assisted at a rodeo and had not the horse known more than his tenderfoot rider I would have emerged with a broken neck. The steers were mighty lively but the horse was quick enough for them if the rider permitted.

The Holstein cows were magnificent animals—of that strong, rugged, deep bellied type that I have always admired. I forget the name of the cow I tested but I possess a vivid mental picture of her. Many a time I wished that those cows could have had the handling which was then given by T. G. Yeomans and Henry Stevens & Sons. In later years the Stanford herd did make good records and doubtless they were by offspring of those grand old foundation cows.

Leroy Anderson.
San Jose, California.

STATE CROPS BELOW AVERAGE

Big Acreage of Wheat Planted in New York Greatly Reduced by Winter Killing—All Crops Below Average.

This season the farmers of the state have made every effort to increase production but the weather has been against them, says the State College of Agriculture. A huge acreage of wheat was planted in the fall, but the percentage killed during the winter and spring was almost the greatest on record, the Federal Crop Report shows. The cold winter also damaged a great deal of grass and alfalfa, and reduced the fruit crops, particularly cherries, peaches and grapes.

May was generally favorable, but June was too cold for most crops and corn and beans in particular have been making unsatisfactory growth. On top of these troubles, it now develops that the hay is much lighter than was expected and will be a million tons short of an average crop. A month ago the prospects for all crops of the state were nearly 4% better than the average. Now they are more than 2 per cent below the average.

—speed up your milk production

With a Sharples Milker, one man, woman or child can do the work of three men milking by hand. Saves manpower.

Sharples is the world's fastest milker. It is the *only* milker that squeezes and massages the cow's teats while milking. Increases milk flow.

Write for catalog to Dept. 45

SHARPLES MILKER

THE SHARPLES SEPARATOR CO., West Chester, Pa.

Sharples Suction-feed Separators—Skim Clean At Any Speed

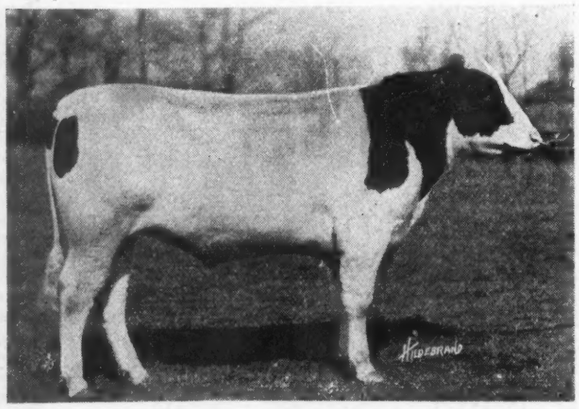
Branches: Chicago San Francisco Toronto

DC-76

"It is for us the living, rather to be dedicated here to the unfinished work that they have thus far so nobly carried on. It is for us to be here dedicated to the great task remaining before us; that from these honored dead we take increased devotion to the cause for which they here gave the last full measure of devotion; that we here highly resolve that the dead shall not have died in vain, that the nation shall, under God, have a new birth of freedom, and that the government of the people, by the people and for the people, shall not perish from the earth."—Abraham Lincoln.

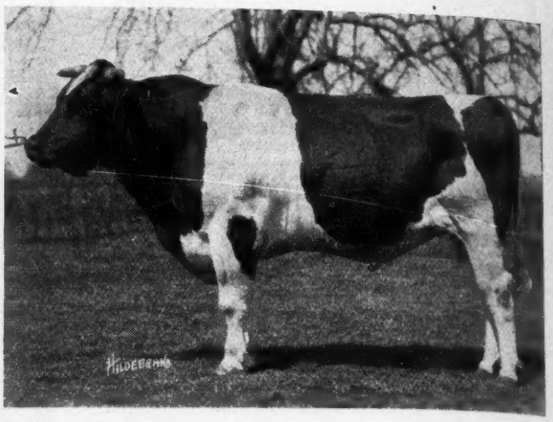
RAG APPLE THE GREAT—

Far above the struggling herd sires
Striving for renown,
O'er the noisy crowd triumphant,
Calmly looks he down.



RAG APPLE THE GREAT

The only son of the only 50-lb. cow.

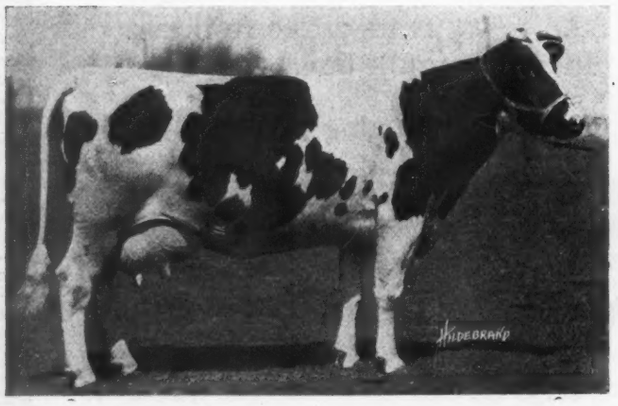


His sire

RAG APPLE KORNDYKE 8th

"The Greatest Bull in the World".

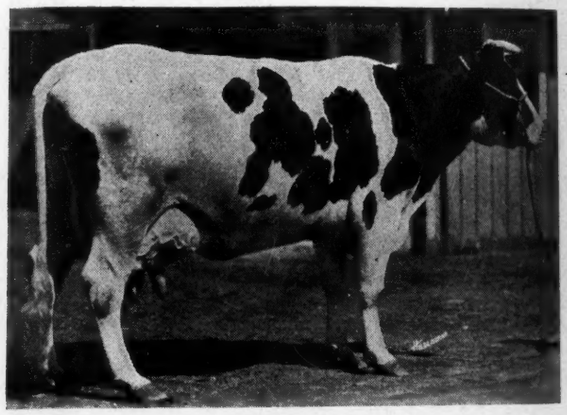
Sire of the only 42-lb. three-year-old and the youngest 30-lb. cow.



His sister

SEGIS HENGERVELD FAYNE JOHANNA

47.35 lb. butter in 7 days. The second highest record cow.



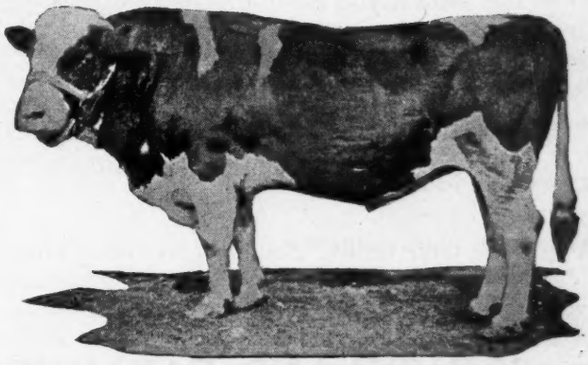
His dam

SEGIS FAYNE JOHANNA

50.68 lb. butter in 7 days. Champion of the world. Dam of 3 A. R. O. daughters averaging 37.8 lb. This cow and three daughters have seven-day butter records averaging 41.02 lb. a showing unequalled by any other cow and daughters.

The Pine Grove Herd contains the Three Highest

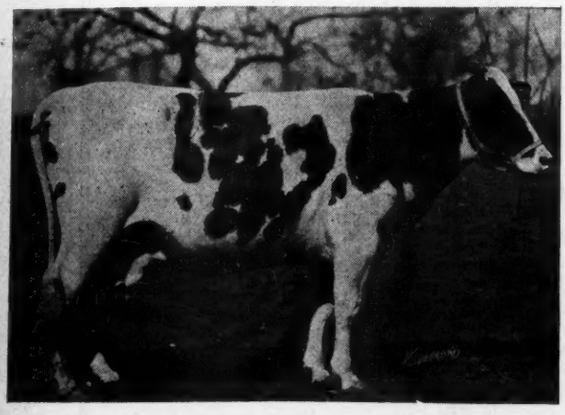
"THE WORLD WONDER BULL"



His sire's double grandsire
PONTIAC KORNDYKE

Only sire with 7 daughters above 37 lb.
Only sire with 6 daughters averaging over 40 lb.
Only sire with five 40-lb. granddaughters.

Oliver Cabana, Jr.
PINE GROVE FARMS
Elma, N. Y.



His maternal grandam
VIKINA JOHANNA

39.44 lb. butter in 7 days. World's record 14-year-old cow. Dam of 3 A. R. O. daughters averaging 37.92 lb.

His dam's sister
VIKINA JOHANNA 2d

32.45 lb. butter in 7 days.

Record Cows Ever Developed by the Holstein Breed

STRICKLAND FARM

It would just do you good and add a little satisfaction all around to see the cattle at Strickland Farm. Never a better lot under one roof.

Individuality, Size, Production and Health

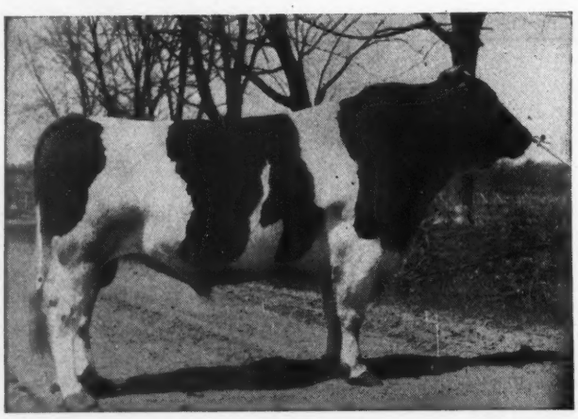
Our barn is surely a model for light and air space—the ventilated kind.

Write me your wants. Some grand young sires and some females for sale. We do want your business and will treat you right. Correspondence answered promptly.

STRICKLAND FARM HERD

S. M. Strickland **Carthage, N. Y.**

SONS OF THIS BULL



Mutual Fobes Longfield De Kol

22 A. R. O. Daughters.

A Champion and sire of Champions.

From Dams Up to 31.5 Lbs.

Mutual Fobes Longfield De Kol is a son of Fobes Tritomia Mutual De Kol, from a 30-lb. 3-year-old former world's record daughter of Homestead Jr. De Kol.

THEY GO QUICK—SEND FOR DETAILS
MILFORD MEADOWS STOCK FARM

Harry Faville, Mgr. LAKE MILLS, WIS.

Ready for Service

Prince De Kol Colantha Pontiac

Born April 15, 1917

He is nicely marked, more black than white, a nice straight individual of medium size, tuberculin tested and grandly bred.

He is sired by Dutchland Colantha Mona Lad, a son of Colantha Johanna Lad and maternal brother to Mona Veeman 33.78 lbs. Dutchland Colantha Mona Lad is a full brother to Dutchland Colantha Sir Mona, the sire of Lakeview Dutchland Artis 43.06 lbs., the Canadian Champion and of Lakeview Dutchland Colantha Rose with 31.71 lbs. as a 2-year-old.

The dam of this bull is Corona Pauline Korndyke with a record of 27.00 lbs. butter made from 412.2 lbs. milk. She is sired by Pontiac De Kol Korndyke a son of the great Pontiac Korndyke.

You cannot beat this breeding at our price of $200 f. o. b.

E. E. CLARKE

Andover, N. Y.

A Grandson of

KING of the PONTIACS

from a 30-LB. DAM

An absolutely perfect individual, born April 30, 1918. He is sired by King Pontiac Mutual Pohlcrest, a son of King of the Pontiacs from a 29.33-lb. dam with a 30-day record of 111.19 lb.

The dam is June Nathalie, a granddaughter of Hengerveld De Kol. At last freshening she made 30.55-lb. butter from 538.3 lb. milk in 7 days and 120.34 lb. butter from 2282.2 lb. milk for the month. As a junior 3-year-old she made 25 lb. She is still in our herd and under favorable conditions will be tested at next freshening. She is by a son of Hengerveld De Kol that had for a dam a daughter of Pontiac Korndyke. We guarantee this calf to please you as an individual. Write or phone for his pedigree. The price is far less than you would expect to pay for this quality. Barns within two minutes walk from station.

MEADOWVIEW FARMS **W. S. Woodcock, Prop.** **EDWARDS, N. Y.**

November 20—Dover, Del., Daniel O. Hastings.

November 20—Norwich, Ont. Fred E. Hilliker.

November 20-21—Liverpool, N. Y., at Liverpool Sale Pavilion. Backus Bros., Mgrs. Mexico, N. Y.

November 21—Tulare, Calif. Breeders Combination Sale.

November 21-22—Inter-County Holstein Breeders Assn., Watertown, Wis. Francis Darcey, Mgr.

November 22—North Portland, Oregon, Pacific International.

November 22—Ithaca, N. Y., Tompkins Co. Breeders' Association. C. Owen Carman, Sec'y.

November 26—Dixon, Ill., E. M. Detweiler.

November 27—London, Ont., London District Breeders.

December 3—Dispersal Sale Arbogast Brothers, Union Stock Yards, West Toronto, Ont.

December 3-4—Brattleboro, Vt., Purebred Livestock Sales Co.

December 6—Waterloo, Iowa, Elliott Bros.

December 10—Fort Atkinson, Wis., Gormley Bros., Dispersion Sale.

December 11—Dunville, Ontario, Canada, Niagara Peninsula Club Sale, W. L. Houck, Stevensville, Secretary.

December 12—Wichita, Kan., W. H. Mott, Mgr.

December 17—Woodstock, Ont., Oxford Breeders.

December 17-18-19—Earlville, N. Y., Madison-Chenango County Breeders. H. A. Moyer, Director.

December 18—Brantford, Ont., Can. Brant District Breeders Consignment Sale, N. P. Sager, St. George, Sec'y.

February 11, 1919—South Omaha, Nebr. Nebraska Breeders' Consignment Sale, Dwight Williams, Mgr.

April 30, 1919—Lisle, Ill., DuPage.

June 5, 6, 7, 1919—Philadelphia, Pa.; Moyer National Sale, H. A. Moyer, Director.

Write the World about your coming sale, and we will gladly list it in this column without charge. It is a line of publicity that is closely followed by readers of the World. We wish to have it as complete as possible for their benefit, while incidentally you are the greatest beneficiary. Claim your dates and get organized early.

DODGE CO. (MINN.) CONSIGNMENT SALE

On October 8th the breeders of Dodge Co., Minn., held a very successful consignment sale at West Concord. Fifty-six head consigned by thirteen local breeders sold for the sum of $16,320 or an average of approximately $281. The uniform average of the offering is evidenced by the fact that but three animals in the entire sale reached the $500 mark and but four sold for less than $200. The highest price of $580 was secured for Katie Kimball Korndyke from the Grahamholm Farm consignment and purchased by Dibble & Son of Minn. This cow has a 21-lb. 3-yr-old record and is a granddaughter of Sir Pietertje Ormsby Mercedes. A list of the sales follow:

Chas. Jones, West Concord, Minn.	
Veeman Cornucopia Aaggie, Norris Land Co., Glenwood, Minn.	$ 225.00
Queen Cressy Johanna, Norris Land Co., Glenwood, Minn.	200.00
Jewel Ruth, Norris Land Co., Glenwood, Minn.	175.00
T. W. Chapin, Cheney, Minn.	
De Vries Flossie Dill De Kol 2d, J. M. Pinderson, Northfield, Minn.	405.00
Round, Fairbanks & Bringgold, West Concord, Minn.	
Pauline Jewel Aegis, Sommers Canning Co.	230.00
Miss Carmen Pontiac, Norris Land Co., Glenwood, Minn.	285.00
Mabel De Kol Piebe, Norris Land Co., Glenwood, Minn.	265.00
Highland De Kol Piebe, Norris Land Co., Glenwood, Minn.	225.00
Mercedes Echo Johanna, Norris Land Co., Glenwood, Minn.	245.00
Lady Pieter, Ed. Kickenapp, Faribault, Minn.	290.00
Highland Alcartra Posch, Ed. Kickenapp, Faribault, Minn.	265.00
Princess Maid Mechthilde 2d, Wm. Mortig, West Concord	300.00
Hengerveld Parthenea Posch, Norris Land Co., Glenwood, Minn.	235.00
Lady of the Pines, Jacob Rolf, West Concord, Minn.	260.00
Hengerveld Parthenea Pines, A. Rassi	225.00
Parthenea Pines Echo, Parker Bros., Pine Island, Minn.	220.00
Alcartra Posch Aaggie Twin, F. J. Hodgess,	215.00
Leda Princess Parthenea, Mortig Bros., West Concord, Minn.	180.00
Alcartra Posch Mercedes (Twin), Norris Land Co., Glenwood, Minn.	260.00
Netherland Segis Pieter De Kol, F. A. Houston, Kasson, Minn.	190.00
Pines Segis De Kol, Mortig Bros., West Concord, Minn.	190.00
Grahamholm Farms, Rochester, Minn.	
North Star Ormsby, H. Dock, Faribault, Minn.	405.00
Katie Kimbie Korndyke, Dibble & Son, Cannon Falls, Minn.	560.00
Katherine Hartog Butter Boy, E. J. Starck, West Concord, Minn.	280.00
Katherine Lyons Segis Butter Boy, R. Mortig, West Concord, Minn.	305.00
Aaggie Skylark Ormsby Grahamholm, Alex Chambers	355.00
Contest Dora Colantha Cornucopia, S. A. Scott, Albert Lea	375.00
Grahamholm Pontiac Hartog Maid, F. A. Houston, Kasson, Minn.	290.00
Grahamholm Colantha Creamelle, Mortig Bros., West Concord, Minn.	200.00
Lady Segis Aaggie Grahamholm, R. Dibble, Cannon Falls, Minn.	495.00

Don't Keep and Feed A Barren Cow

But Make Her Breed by a Thorough Treatment with

Hood Farm Breeding Powder

Success is Practically Certain.

Hood Farm Breeding Powder is really

A MARVELLOUS PREPARATION.

It restores the reproductive functions.

It corrects the irregularity of cows and heifers that do not come in season.

It removes the irritation and restores the organs to normal condition in cows that are constantly in season.

It is antiseptic, soothing and healing.

It does NOT harm a cow or heifer.

It does NOT cause straining.

It is easily procured, easily administered,

AND ECONOMICAL.

Order today, mentioning this paper.

Prices, prepaid, $1.15, $2.75 and $5. Flexible Injection Tube, by mail, 90c. Mammoth size Breeding Powder and Tube, prepaid, $5.75.

C. I. HOOD CO., Lowell, Mass.

Typewritten Pedigrees

Four generations, each 50c
Three copies 75c
Sale catalogs per page, for 250 copies $2.50

Send name, number, sex and date of birth.

Property owners pedigree blanks and auction bills. Correspondence solicited.

JESSE WARD Alden, N. Y.

ON TO PHILADELPHIA

Make the next convention of the Holstein-Friesian Association of America the biggest and best ever. Plan to be there, Holstein Owners! Plan to be there, Holstein Clubs!

THE HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA
Box 182 BRATTLEBORO, VT.

SPECIAL HEIFER SALE

Fifteen or twenty heifers from 8 to 24 months old, 3 bred. Several are granddaughters of Pontiac Korndyke and King of the Pontiacs. Some are from A. R. O. dams. Come and look them over. Farm near Delphi Falls, N. Y.

E. W. FUGGLE

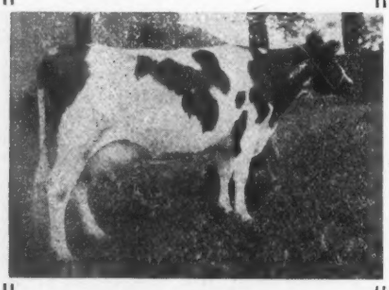
Route No. 2 Manlius, N. Y.

WANTED

To buy for cash. Registered Holsteins, young cows and bred heifers in lots of ten or more or will buy entire herds of females if priced right. Address

Lock Box 97, Sterling, Ill.

Meadow Lane Holsteins
Strong in Yearly Records



Cande DeKol Westview
118016

Grand Champion cow, Wis., State Fair, 1918.

Butter 7 days 28.11
Milk 557.70
Butter 1 year 903.69
Milk 21063.00

Now on yearly test again and will increase her record.

We are using cows like this to build our herd from. We have others with bigger seven-day records and now on yearly test doing good work.

How would a bull out of these cows by our herd sires suit you? Our sires have great yearly and seven-day backing.

AITKEN BROS.

Waukesha Wis.

Purebred Holsteins For Sale

40 head to select from. Calves, yearlings, two-year-olds, three-year-olds and cows. Also one of the best farms in the country containing 165 acres for half price if sold before timber is cut. Come and look them over.

GEO. VANDERHOOF & SON

Middlebury Center, Pa.
Tioga Co.

Crown Sadie Vale Cornucopia, R. Mortig, West Concord, Minn. 325.00
Cornucopia Sadie Vale Grahamholm, F. D. Scholljegerdes, Waseca 485.00
Aaggie Longfield Segis Grahamholm, Ed. Kickenapp, Faribault, Minn. 305.00
Belle Bessie 2d's Korndyke, W. A. Perkin, Montourville, Minn. 280.00
W. J. Boynton, Rochester, Minn.
Queen Adeline Cornucopia, R. Mortig, West Concord, Minn. 520.00
Chas. Jones, West Concord, Minn.
Spotty Melchior 2d, F. E. Gibbons, West Concord, Minn. 215.00
Round & Fairbanks, West Concord, Minn.
Aaggie Magnet 2d Lass, F. E Gibbons, West Concord, Minn. 225.00
Maple Leaf Mercedes Parthenea, E. Duck, Utica, Minn. 275.00
Round, Fairbanks & Bringgold, West Concord, Minn.
Lucinda Sarcastic, Norris Land Co., Glenwood, Minn. 240.00
Spofford Ideal Lockspur, Ed. Kickenapp, Faribault, Minn. 300.00
De Kol Aqua Johanna, Norris Land Co., Glenwood, Minn. 200.00
Princess Segis Pieter, A. Rossi 250.00
Polly Pieter, Ed. Messenger 390.00
Lady Segis Aaggie Pieter, Sommers Canning Co. 245.00
Gerster Hendrika Mercedes De Kol 4th, Norris Land Co., Glenwood, Minn. 255.00
Lady Ormsby Steinkamp, A. Kerkins, Pine Island 225.00
Bessie Kappijine Parthenea, Norris Land Co., Glenwood, Minn. 275.00
Mercedes Echo Johanna 3d, E. R. Scott, West Concord, Minn. 500.00
Martig Bros., West Concord, Minn.
Miss Johanna Aaggie Pontiac, Sommers Canning Co. 210.00
Belle Aaggie Johanna, Norris Land Co., Glenwood, Minn. 260.00
Fairbanks Bros., West Concord, Minn.
Avanelle Homestead, Norris Land Co., Glenwood, Minn. 200.00
Lady Madison Johanna, Kickenapp & Carner, Faribault, Minn. 250.00
Cora Aaggie Model Pet Grahamholm, Norris Land Co. 295.00
W. A. Bringgold, West Concord, Minn.
Ondine Johanna Homestead, Sommers Canning Co. 285.00
Johnston Ormsby Rose, C. Jones 285.00
Grahamholm Farms, Rochester, Minn.
Grahamholm Kaan Segis Aaggie Lad, Norris Land Co., Glenwood, Minn. 275.00
Grahamholm Silver Gloss De Kol Lad, Chas. Jones, West Concord 200.00
Grahamholm Segis Aaggie Pontiac, W. P. Monn, Dodge Center, Minn. 300.00

THE NEBRASKA BREEDERS' FOURTH ANNUAL SALE

Another successful sale event was staged October 15 at South Omaha, Neb., under the auspices of the Nebraska Holstein-Friesian Breeders' Association. By the accompanying detailed report it will be noted that 58 head were sold for $13,910, an average of about $240 per head. The sale was under the management of Dwight Williams, and the sale committee was composed of the Board of Directors of the Association. The consignments came from representative Nebraska breeders. The top price for the sale was $925 for the herd sire, Rag Apple Korndyke Clyde, a son of Dr. Davis' herd sire, Rag Apple Korndyke Boon, from the 31-lb. cow, Lotta Clyde, former state champion. This bull was sold by S. H. Wilson and purchased by E. Bowker, Kearney, Neb. The highest priced female was Lady Gerben Johanna, a 23-lb. sister to the 45-lb. cow, Niva Kalmuck. She was consigned by Dwight Williams, and purchased by A. Yorolimek, Coleridge, Neb. Following is a detailed report of the sale, with list of animals selling for $200 or over, with the prices paid and names and addresses of purchasers:

Consigned by University of Nebraska.
1 King Re Becky Segis, Edward Parsons, Valley, Nebr. ..... $ 230.00
2 King Eliza Cornucopia, John Meeves, Bennington, Nebr. 245.00
Three head sold for $630.00; average $210.00.
Consigned by H. C. Langan, Omaha, Neb.
4 Male calf from Queen Bess Walker of Cedarside, A. H. Baker, Benson, Neb. 480.00
Consigned by F. B. Aldous, Omaha, Nebr.
11 Mercedes De Kol Hengerveld Burke 2d, Edward Parsons, Valley, Nebr. 230.00
Four head brought $770.00; average $192.50.
Consigned by Shirley Wilson, Omaha, Nebr.
16 Goldenrod Ormsby Posch, W. O. Morrill, Summerfield, Kans. 375.00
19 Miss Segis Hengerveld Clothilde 2d, Harry Cummings, Seward, Nebr. 200.00
23 Omaha Queen Ormsby, E. Bowker, Kearney, Nebr. 420.00
25 De Kol Mercedes Fobes, W. O. Morrill, Summerfield, Kans. 370.00
28 Buckeye Pontiac Butter Girl, E Bowker, Kearney, Nebr. 300.00
Ref. Sire G. Rag Apple Korndyke Clyde, E. Bowker, Kearney, Nebr. 925.00
Thirteen head brought $3685.00; average $283.46.
Consigned by Dwight Williams, Omaha, Nebr.
30 Lady Gerben Johanna, A. Yorolimek, Coleridge, Nebr. 825.00
31 K S P P Prilly, E. W. Loseke, Mavale, Nebr. 260.00
32 Hopes Gerben Johanna, A. Yorolimek, Coleridge, Nebr. 220.00
38 K S P Buttercup Hengerveld, Jno. F. Bunte, Cortland, Nebr. 310.00
42 Pruny Bess Gerben, L. E. Scott, Omaha, Nebr. 205.00
43 Aeroplane Pet Gerben, E. Bowker, Kearney, Nebr. 200.00
44 Abbekerk Posch Gerben, W. O. Morrill, Summerfield, Kans. 250.00
Eleven head brought $2890.00; average $271.81.
Consigned by M. Barto, Omaha, Neb.
45 Princess Pauline Gerben De Kol, E. W. Loseke, Inavale, Nebr. 230.00
46 Kitty Marlow 2d, W. O. Morrill, Summerfield, Kans. 235.00
Two head brought $465.00; average $232.50.
Consigned by B. B. Davis, Omaha, Nebr.
48 Bull calf from Lady Longfield Tritomia 2d, C. J. Furry, Franklin, Nebr. 250.00
49 Mercedes Urmagel Segis, E. W. Loseke, Inavale, Nebr. 350.00
50 Grace Butter Boy Cornucopia, J. E. Palm, Lincoln, Nebr. 270.00
Three head brought $870.00; average $290.00.
Consigned by Wm. R. Young, Plattsmouth, Nebr.
51 Hillhurst Paul De Kol Prilly, Wm. Prim, Underwood, Ia. 230.00
Consigned by C. J. Furry, Franklin, Nebr.
53 Bonalevo Pontiac Clintonia, E. Bowker, Kearney, Nebr. 200.00
54 Dorthea Segis Clintonia, A. E. Wickland, Valley, Nebr. 200.00
55 Lydia Segis Clintonia, Woodlawn Dairy, Lincoln, Nebr. 280.00
56 Bonalevo Creamelle Butter Girl, Woodlawn Dairy, Lincoln, Nebr. 260.00
57 Fannie Pontiac Colantha, L. E. Scott, Omaha, Nebr. 230.00
58 Fayne Spofford Pontiac, W. O. Morrill, Summerfield, Kans. 275.00
59 Florens Maud Colantha, Leepe Bros., Maitland, Mo. 305.00
60 Genesee De Kol, Wm. Prim, Underwood, Ia. 235.00
61 Grace Korndyke Hengerveld, B. H. Nelson, Nehowka, Nebr. 235.00
62 Harriet Abruzzi De Kol, A. H. Baker, Baison, Nebr. 275.00
63 Johanna Mechthilde Pauline, Ben Jakupon, Omaha, Nebr. 315.00
66 Kate Korndyke Colantha, E. Bowker, Kearney, Nebr. 200.00
67 Leona Pontiac Pet, B. H. Nelson, Nebr. 225.00
Fourteen head brought $3420.00; average $244.28.
Grand total, 58 head, $13,910.00; grand average, $239.82.

TEXAS FIREMEN SAVE BABIES WITH HOLSTEIN MILK

According to a news dispatch recently appearing in the papers, Galveston, Texas, the members of the Houston fire department saved a large number of babies in that town by use of Holstein milk. It seems that on account of the influenza epidemic, the milkmen of this section found themselves without sufficient help to milk the cows and make regular deliveries. Accordingly, volunteers from the fire department looked after the milking in one Holstein herd and the Houston babes had their regular rations. It is interesting to note that the dairy selected for this relief work was composed entirely of Holstein cows and has been catering almost entirely to baby trade.

THIRTY CAR LOADS FROM WISCONSIN TO ARKANSAS

According to present plans thirty carloads of Holstein, Jersey and Guernsey dairy cattle will be shipped from Wisconsin to Arkansas in the near future. A party of Arkansas dairymen under the direction of W. H. Woodley, a dairy specialist of Arkansas University, were planning to come to Wisconsin about the middle of October to study Wisconsin dairying methods and to make their purchases of dairy cattle to take back with them. These farmers from Northern Arkansas were planning to purchase twenty-five cars, and the farmers in Southern Arkansas, five additional cars, and it was planned to assemble the entire thirty cars at Madison to be shipped through to Arkansas in a solid dairy train.

22 Head of Registered Holstein-Friesian Cattle

FOR SALE

On account of ill health I am forced to dispose of my entire herd consisting of three yearling heifers, three heifer calves and sixteen cows from 2 to 8 years old. Half of these cows have freshened and the other half due in December and January.

GREY HULETT **Granville, N. Y.**

THE SILVER BIRCH CONSIGNMENT

FRESH COW SALE

Liverpool, N. Y., Nov. 20-21

9 Females, 1 Bull—of Good Breeding

1. Theuna Pietertje with 20.90 lb. in 7 days and 84.27 lb. in 30 days. Her dam with 26 lbs.
2. Silver Birch Darkness and Silver Birch Goodenough, full sisters by a son of a 33-lb. cow from a dam with 25.26 lb. in 7 days and 98.28 lb. in 30 days.
3. Silver Birch Carnation—by a son of a 33-lb. cow from a 19.35-lb. 3-year-old daughter of the $15,000 son of the first 44-lb. cow.
4. Silver Birch Hope—by a son of a 33-lb. cow from a 23.43-lb. 4-year-old with 85.40 lb. in 30 days.
5. Silver Birch Irmine—by a son of a 33-lb. cow from a 20-lb. daughter of a 26-lb. cow.
6. Silver Birch Beauty—by a son of a 33-lb. cow from a 16.79 lb. 2-year-old with 66.84 lb. in 30 days.
7. Calaban Inka Pontiac—granddaughter of Pontiac Pauline Paul—also her daughter by a son of King Segis Pontiac Chicago.
8. Silver Birch Butter King—by a son of a 33-lb. cow from B K P Lilith with 29.18 butter from 640.6 lb. milk in 7 days and 118.31 lb. butter from 2641.1 lb. milk in 30 days.

You will like this consignment—look them up.

F. H. HUETSON & SONS Mexico, N. Y.

A HIGH CLASS CONSIGNMENT

TO THE

BRATTLEBORO (Vt.) SALE

DECEMBER 3 and 4

Labor troubles and other existing difficulties over which I have no control force me to sell a draft from my recently established high class herd and 13 of my best are to be sold in the coming Brattleboro Sale. Among them are:

LARKA CZARINA PIETERTJE—26.53 lb. butter from 569 lb. milk—a sure 30-lb. cow and bred to the MIGHTY MONARCH.

HILLSIDE PIETJE LENETTE—A 24-lb. granddaughter of Pietje 22d 31.62 lb. and due to freshen early in December to a 29-lb. son of It. Her daughter will also be sold.

We will also sell a 19-lb. cow: A daughter of a 24-lb. cow with a double cross of Pontiac Aaggie Korndyke and others of like quality.

REMEMBER—

1. This consignment is selected from one of the best foundation herds in the country.
2. They represent the best in dairy type and promise.
3. These animals are consigned because of labor conditions and influenza forcing their disposal.
4. The war is nearly over and the buyer never had as promising a future as now.

Come to This Sale and Buy From This Offering

JOHN M. KELLEY **Williston, Vermont**

Come to Canada Where the $106,000 Bull Was Bred

TO

ARBOGAST BROS.

DISPERSAL SALE

Dec. 3, 1918

Union Stock Yards, West Toronto, Can.

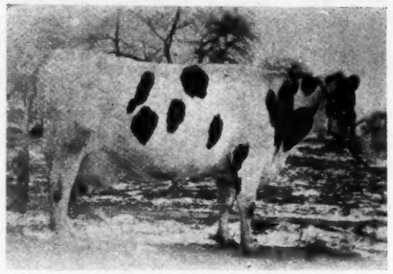
King Segis Alcartra Calamity, No. 20449

A son of King Segis Pontiac Alcartra and Fairmont Pontiac Calamity, a 35-lb. daughter of Pledge Spofford Calamity Paul.

The first five tested daughters of "King" average 19.09 lb. butter at an average age of 2 years. They are owned and were tested in three different herds, one being tested in August with the temperature above 100. Five of his daughters have averaged 60 lb. in a day and three have given an average of 404 lb. in a week as 2-year-olds.

Twenty of his daughters are in this sale. 10 of them have been bred to a son of Dutchland Changeling Colantha Lad, a 30-lb. daughter of Colantha Johanna Lad from Ready Change with over 31 lb.

THIS COW IS THE DAM OF KING

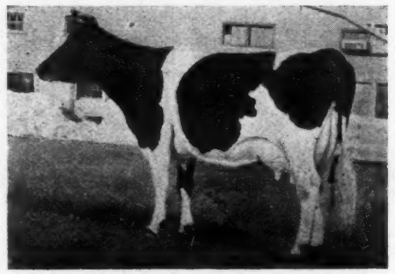


Lyn Pontiac Daisy, 22458

Born February 6, 1912.

Butter at 5 years	27.80
Milk	374.
Butter 21 days	79.21
Milk	1341.3
Best day's milk	73.3
Average fat	4.74
Butter 3 years	22.65
Milk	410.6
Best day's milk	61.6
Average fat	4.41
Butter 2 years	16.31
Milk	373.3

60 Head



60 Head

Fairmont Pontiac Calamity, No. 143877

Official records at 5 years

Butter	35.37
Milk	584.10
Average per cent fat	4.84

WITH CONSIGNMENTS FROM

MR. A. C. HARDY *and* MR. M. H. HALEY

which should make this

CANADA'S GREATEST SALE

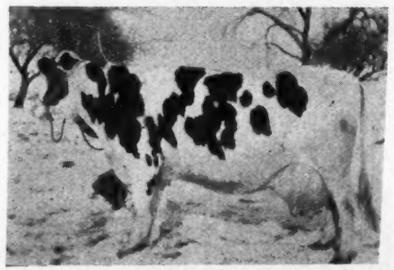
BECAUSE —

Laura Netherland Aaggie No. 23340

Born April 15, 1912.

Butter at 5 years	30.66
Milk	552.8
Best day's milk	82.
Average fat	4.43
Butter at 4 years	27.18
Milk	569.5
Best day's milk	84.3
Average fat	3.82
Butter at 3 years	23.89
Milk	506.3
Best day's milk	76.6
Average fat	3.78
Butter at 2 years	17.91
Milk	336.4
Best day's milk	52.1
Average fat	4.26

This is the best cow ever owned at Villa View. She has a calf each year and increases her record each year. She is bred to that great son of May Echo Sylvia, Champion Echo Sylvia Pontiac, a brother to the $106,000 calf. She was bred July 25th.



Isabell Pontiac Lyn, 13448

Born April 5, 1909.

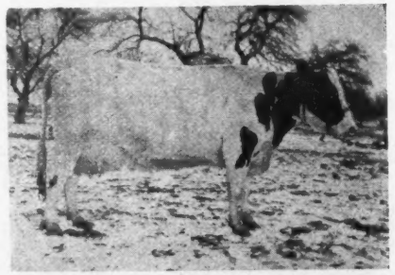
Butter at 6 years	29.64
Milk	381.
Best day's milk	65.7

One of the high record daughters of Pontiac Hermes. She is a sister to the cow Mr. Brethen sold for $1600.00.

Average fat 4.41
Butter 2 years 16.31
Milk 373.3

Butter 14 days 31.75
Milk ..... 723.
Best day's milk 57.3

Take special notice of this young cow. Her dam is a 29-lb. daughter of Pontiac Hermes, who is a son of the great Hengerveld De Kol. She is a persistent milker and a splendid prospect for a 30-lb. cow. Due to freshen February 19th to the Alcartra bull.



Witzyde Evangeline De Kol, 21610

Born March 18, 1912.
Butter at 5 years ..... 31.
Milk 637.1
Butter in 15 days 63.19
Milk 1282.9
Best day's milk ..... 98.
Average fat 3.94
Butter at 2 years 14.37
Milk 328.06
Best day's milk 50.8

A splendid young cow of great size and individuality. She made her 31-lb. record after freshening twice in 1 year and being dry only 4 weeks. We run her over to freshen March 14 and we believe that she can largely increase her present record. Her dam is a show cow and has stood 3d in Toronto in the cow class, due to freshen March 14th to the Alcartra bull.

THE HARDY CONSIGNMENT

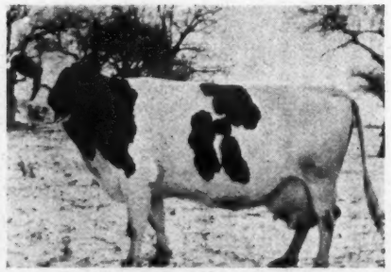
1. RAG APPLE ECHO SYLVIUS an eighteen-months-old son of Champion Echo Sylvia Pontiac from a 24-lb. daughter of Rag Apple Korndyke 8th.
2. PIETJE PAULINE HENGERVELD 2d, a 19-lb. jr. 2-yr-old daughter of King Pontiac Artis Canada from Pietje Pauline Hengerveld, the former Canadian Champion 3-year-old with 31.78-lb. She will be bred to the son of May Echo Sylvia.
3. PONTIAC SPECKLED PIETJE, a 3-year-old daughter of King Pontiac Artis Canada from Speckled Pietje with 33.32 lbs. Due in January.
4. BELLE DE KOL PONTIAC 3d, a 2-year-old daughter of Woodcrest Sir Clyde from a 23-lb. 2-year-old daughter of King Pontiac Artis Canada. Full sister to a 25-lb. 2-year-old.
5. PIETJE STELLA SEGIS 3d, a fresh 3-year-old daughter of Woodcrest Sir Clyde. Her dam, a 26-lb. daughter of Countess Segis, a 31-lb. daughter of King Segis.
6. PIETJE KORNDYKE PAULA, a 2-year-old daughter of Woodcrest Sir Clyde due before sale. Her dam an 18-lb. 2-year-old daughter of a 38-lb. sire. Also her full sister.
7. KORNDYKE PAULA, a 23-lb. 3-year-old and dam of the above heifers. Sired by a son of a 38-lb. cow and bred to Champion Echo Sylvia Pontiac.

BECAUSE —

We will sell more daughters of a 35-lb. bull
We will sell more sons of a 35-lb. bull
We will sell more males and females with an average of over 30 lb. for their two nearest dams
—than was ever before offered in Canada.
We will offer the first 30-lb. cow ever sold in Canada carrying a calf by a brother to the $106,000 bull.

3 30-lb. Cows 10 Daughters of 30-lb. Cows

5 Granddaughters of 30-lb. Cows



Oliva Schulling De Kol, 14825

Born Aug. 10th, 1910.
Butter 7 days at 7 years 26.85
Milk 637.2
Butter 30 days ..... 108.
Milk ..... 2548.
Best day's milk ..... 94.
Butter at 5 years 24.67
Milk 446.4
Butter 15 days 51.95
Milk 1048.3
Best day's milk 79.6
Butter at 3 years 18.50
Milk ..... 434.
Butter at 2 years 15.64
Milk ..... 412.
Butter 8 months after calving.. 11.72

A splendid producer. Bred along producing lines and a fine prospect for a 30-lb. cow.

Due to freshen about sale time.

IMPORTANT

We guarantee to sell without reserve or by-bidding. All animals guaranteed from contagious disease and every animal 2 years old or over has been a regular breeder and free from abortion for we never had it in our herd. Send for a catalog.

ARBOGAST BROS., Sebringville, Ont.

Kelley & Haeger, Auctioneers Thos. H. Smith, Clerk

Milk ..... 381.
Best day's milk 65.7

One of the high record daughters of Pontiac Hermes. She is a sister to the cow Mr. Brethen sold for $1600.00.

Her dam is also a daughter of Pontiac Hermes. She is bred to the Alcartra bull. Her calf will trace five times to the great Hengerveld De Kol and twice to Pontiac Korndyke, the combination that has produced some of the world's greatest cows. She is due to freshen Jan. 3d.

Daisy Ormsby Lass, 22332

Born October 7, 1911.
Butter at 6 years 31.47
Milk 501.5
Best day's milk ..... 77.
Average fat 5.02
Butter 14 days 60.54
Milk 957.7
Average fat 5.06
Butter 3 years 24.64
Milk 393.1
Average fat ..... 5.
Butter 15 days 51.78
Milk 803.5
Best day's milk 68.5
Butter 2 years 17.59
Milk ..... 357.
Best day's milk 52.4

A cow with great capacity as is indicated by her record of over 31 lbs. butter. She is the best granddaughter of Paladin Ormsby due to freshen Jan. 18 to the Dutchland bull.

THE HALEY CONSIGNMENT

1. A yearling son of Queen Butter Baroness former Canadian Champion with a record of 33.17-lb. butter. He is sired by Finderne Valdessa Ormsby Fayne, a grandson of Valdessa Scott 2d the first 41-lb. cow.
2. COLANTHA BUTTER GIRL 3d, a daughter of King Segis Pontiac Calamity from Colantha Butter Girl, a 30.87-lb. 3-year-old with 125.23-lb. in 30 days which was Canadian record when made. The second dam is Queen Butter Baroness with 33.17 lbs. She is due to freshen at time of sale by a grandson of May Echo Sylvia and K P Pontiac Lass.
3. QUEEN FAYNE ALCARTRA, another 2-year-old daughter of King Segis Pontiac Alcartra Calamity from Queen Butter Baroness Fayne, a full sister to a 30-lb. cow with a 22-lb. 2-year-old record producing 2002 lb. in 30 days. Canadian Champion at time. Due at time of sale.
4. LUNDE POSCH CORNUCOPIA, an eight-year-old granddaughter of Aaggie Cornucopia Johanna Lad with 105 tested daughters. This cow has been first prize winner at Ottawa, Toronto and London and is due to freshen at time of sale by May Sylvia Pontiac Cornucopia.

Please mention the Holstein-Friesian World when writing to our advertisers

Sons and Daughters of

Rag Apple Korndyke Colantha

A son of the famous sire, Rag Apple Korndyke 8th, the sire of the first 30-lb. junior 2-year-old and of the present world champion senior three-year-old. He was the first sire to sell for $25,000 at public auction.

His dam is Colantha Pietertje Korndyke, a daughter of Pontiac Korndyke with a record of 30.80 lb. butter from 529 lb. milk and she from the same dam as Fairview Korndyke Pietertje the youngest 30-lb. cow in the world.

We can offer three young daughters of this bull at $300 f. o. b. Canastota, N. Y.

We also have four young bulls, about six months old, two of which are sired by Rag Apple Korndyke Colantha from dams with records of 25 and 28 lbs. Prices $100.

Lawrence & Tuttle

Canastota, N. Y.

50 POUND BREEDING

6 Heifer Calves, 4 Yearling Heifers
Several Young Cows

Sired by King Massasoit 138069—Sire: King of the Pontiacs. Dam: Eirene Fayne. Sister to 50 lb. cow, Segis Fayne Johanna.

—OR—

Walker Pietertje Segis Fayne 150495—Sire: King Walker Segis. Dam: Eirene Fayne. Sister to 50 lb. cow Segis Fayne Johanna.

For particulars write:

G. SMITH & SONS

Seelyville, Pa.

Safe food reserves are the only insurance against food disasters.

The Dr. Blackburn sale of Registered Holsteins at the Blackburn Farm, Cuba, Ohio, Oct. 21, was well attended by enthusiastic buyers, the south being especially well represented. Most of the cattle were in fine condition and the high quality of the offerings, which is always characteristic of the Blackburn Sales, was appreciated by the buyers. Sixty head brought an average of $226. Col. W. F. Andrews, of Beach City, Ohio gave great satisfaction by his work in selling.

Below is a list of the cattle that brought $200 or over.

Colantha Aaggie Wayne, 2 years, E. Von Allman, Ky.	$255
Idle Hour Wanda, 4 years, E. Von Allman, Ky.	500
Willow Run Korndyke 2d, 4 years, E. Von Allman, Ky.	315
Crestwood Pietertje Gorter Pet, 5 years, W. F. Weiss, Ohio	225
Queen Pauline Walker, 4 years, E. Von Allman, Ky.	285
Maud Maachen De Kol, 4 years, J. F. Palmer, S. C.	280
Nellie Corn. Gerster De Kol, 4 years, J. F. Palmer, S. C.	295
Gerda Maachen, 4 years, E. M. Hackney, Ohio	290
Genevieve Veeman De Kol, 3 years, J. F. Palmer, S. C.	240
Aaggie Ophelia Maachen 2d, 3 years, J. F. Palmer, S. C.	250
Foekje Beryl Wayne, 5 years, E. Von Allman, Ky.	205
Jessie Fobes Col. Korn, 2 years, E. Von Allman, Ky.	295
Beach Segis Korn. Lyons Dawn, 2 years, J. F. Palmer, S. C.	240
Johanna Concordia Beauty, 4 years, J. F. Palmer, S. C.	225
Nannie Pontiac, 4 years, E. Von Allman, Ky.	300
Oaknole Pontiac Myra, 6 years, Rockel & Kirkpatrick, Ohio	200
Colantha Concordia Konigen, 2 years, Harry Osborn, Ohio	300
Hilda Monk Konigen, 3 years, E. Von Allman, Ky.	275
Goshen Cornucopia Topsy Pontiac, Harry Osborn, Ohio	240
Lady Pontiac Tritomia, 5 years, W. Von Allman, Ky.	360
Princess Friesland Fayne, 5 years, E. Von Allman, Ky.	900
Salo Segis Pontiac Korndyke, 1 yr., J. F. Palmer, South Carol	205
Lady May Rauwerd Pontiac, 2 years, Harry Osborn, Ohio	265
Princess Korndyke Pontiac 2d, 4 years, E. Von Allman, Ky.	410
Lorraine Clothilde De Kol, 6 years, Ben Bufler, Ohio	270
Bonnie Korndyke Walker, 4 years, J. F. Palmer, S. C.	200
Binema Pauline Pontiac, 1 yr., Snook & Tague, Ohio	200
Rosa Eldora Segis Pontiac, 1 year, J. F. Palmer, S. C.	230
Valley View Carlotta Pontiac, 2 years, J. F. Palmer, S. C.	210
Regola Schuiling Model Fayne, 4 years, Mrs. W. Kersey, Ohio	300
Lynda Burke, 2 years, J. F. Palmer, S. C.	215
Bright Spot Flint De Kol, 3 years, J. F. Palmer, S. C.	215
Daisy Pontiac Valentine, 3 years, J. F. Palmer, S. C.	200
Jennie May Monk, 2 years, J. E. Palmer, S. C.	200
Model Dewdrop, 1 year, J. F. Palmer, S. C.	220

THE FIRST SOUTHERN CONSIGNMENT SALE

The First Annual Sale of Virginia Holstein-Friesian Breeders was held at Orange, Va., Oct. 18, 1918, at which 61 animals sold for $14,535, an average price of $238. The highest price was $750 for the bull King Korndyke Sadie Vale of Loundon, purchased by J. F. W. Ruffin, Petersburg, Va., 4 highest cows averaged $600. Col. Geo. W. Baxter was auctioneer.

Considering that this was the first sale and held when the influenza epidemic was at its height, the consignors were well pleased. All animals were bought by Virginia breeders.

The consignors were: Hollins Institute, Hollins, Va., 12 animals averaged $210; R. M. Brady, Rapidan, Va., 1 animal $725; C. E. Gardner, Rapidan, Va., 10 animals averaged $235; Sam Sullivan & Sons, Brandy Station, Va., 9 animals averaged $263; Frank S. Walker, Woodberry Forest, Va., 7 animals averaged $255; Sweet Briar Institute, Sweet Briar, Va., 6 animals averaged $212; E. M. Dawson, Elkwood, Va., 1 animal $525; Virginia Polytechnic Institute, Blacksburg, Va., 1 animal $500; Geo. C. Gregory, Richmond, Va., 8 animals averaged $163; R. V. Martindale, Sweet Briar, Va., 1 animal $180; W. H. Newman, Woodstock, Va., 4 animals averaged $196; E. E. Wambersie, Orange, Va., 1 animal $180.

The buyers were: H. O. Lyne, Orange, Va.; Mrs. H. P. Wilson, Alexandria, Va.; Meadow Farm, Orange, Va.; E. E. Wambersie, Orange, Va.; R. S. Gillespie, Charlottesville, Va.; Carr Bros., Charlottesville, Va.; J. R. Morris & Bro., Charlottesville, Va.; R. M. McMurdo, Charlottesville, Va.; J. F. W. Ruffin, Petersburg, Va.; W. W. Osborn, Gordonsville, Va.; Frank S. Walker, Woodberry Forest, Va.; C. E. Gardner, Rapidan, Va.; Sam Sullivan & Sons, Brandy Station, Va.; George Hyden, Sulpeper, Va.; F. S. Graves, Orange, Va.; George C. Gregory, Richmond, Va.; Willis & Gratton, Rapidan, Va.; J. A. Clarkson, Staunton, Va.; H. C. Waddell, Charlottesville, Va.; M. A. Mahoney, Mitchells, Va.

The following is list of animals that sold for $200 or over with names of purchasers and prices:

Ref. Sire C., J. F. W. Ruffin	$750
Ref. Sire B., J. Aubrey Clarkson	350
1. J. F. W. Ruffin	725
2. H. P. Wilson	525
3. J. R. Morris & Bro.	345
5. J. F. W. Ruffin	325
6. Willis & Gratton	315
7. J. Aubrey Clarkson	240
12. H. G. Waddell	230
14. Carr Bros.	255
24. H. O. Lyne	260
25. H. O. Lyne	240
26. J. P. Taylor	225
27. H. O. Lyne	275
29. Sam Sullivan & Sons	385
30. J. R. Morris & Bro.	335
31. J. F. W. Ruffin	250
33. C. E. Gardner	200
34. F. S. Walker	200
37. J. F. W. Ruffin	290
38. J. F. W. Ruffin	300
39. J. R. Morris & Bro.	275
40. J. R. Morris & Bro.	200
49. E. E. Wambersie	230
52. M. A. Mahoney	655
53. R. S. Gillespie	200
57. M. A. Mahoney	260
60. J. R. F. Ruffin	500
61. R. S. Gillespie	225

REMEMBER "THAT FRESH COW SALE"

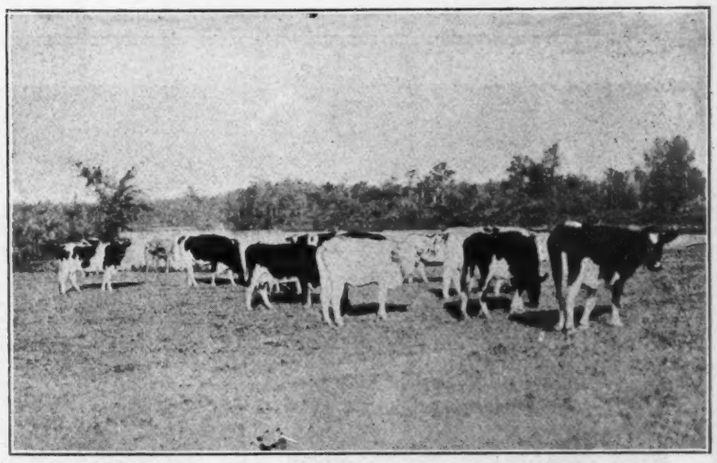
November 20-21, 1918

Liverpool Sale Pavilion
SYRACUSE, N. Y.

Over 100 Head Fresh or Soon Due

Over 100 Head Springers—and Fresh Cows

In addition to Several 30-lb. Bulls, and a Splendid Lot of Young Heifers.



THE HERD OF C. B. COOK

Notice their size, straight top lines, etc.

This entire herd will be dispersed at our FRESH COW SALE, and nearly all of them will freshen shortly after the sale. They include two daughters of ORMSBY KORNDYKE LAD, three daughters of KORNDYKE ABBEKERK and a daughter of KING SEGIS PONTIAC, nearly all from A. R. O. dams.

TAKE YOUR PENCIL

and figure what a good pure bred cow will make you from her milk alone this winter.

A WORLD'S RECORD BULL

In the sale will be a serviceable aged son of the former world's record 31-lb. two-year-old, Eva May Ellis 5th, sired by Korndyke Abbekerk. He is a grand individual and waiting to put some good herd on the map—come prepared to buy him.

A son of King of the Pontiacs of serviceable age will also be sold. He has a 30-lb. 4-year-old full sister and is a genuine dandy animal.

FIVE 30-LB. BULLS

Will be sold—all young—all perfect—all serviceable aged—and bred in the purple. If you want a 30-lb. bull here is your chance. We know you will like these fellows.

CATCH A TRAIN

for Syracuse, N. Y., and take trolley going north on Salina Street for the Liverpool Sale pavilion.

DON'T SPEND

valuable time chasing around the country for fresh cows. Come to where you will have your choice of fully a hundred mighty good ones.

McKINLEY PIETERTJE BEETS, 154388

Look at the individuality of this splendid young bull—he is a son of the $25,000 sire, Johanna McKinley Segis, and his dam is a 28-lb. daughter of Pontiac Hengerveld Parthenea.

He with 15 of his daughters will be sold in our FRESH COW SALE.

Word just reaches us that the former world's record 29-lb. two-year-old, Lockhart De Kol, will be sold in this sale—she made over 29-lb. as a two-year-old, breaking the world's record—and she came back with 30.61 lb. as a three-year-old—bred to one of the greatest young bulls in the country who was sold for $12,000 in public sale.

All animals over six months old tuberculin tested by state approved veterinarian.

AUCTIONEERS

COL. B. V. KELLEY, Syracuse, N. Y.
COL. G. W. BAXTER, Elmira, N. Y.
COL. C. F. PARSONS, Oswego, N. Y.

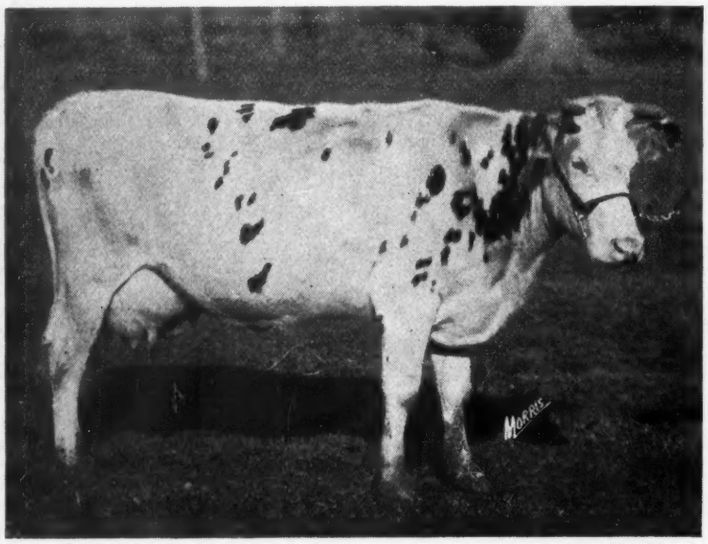
Backus Bros. Pedigree Co.

Sale Managers MEXICO, N. Y.

IN THE BOX

R. Austin Backus, Mexico, N. Y.

THE AVERAGE OF HIS TWO DAMS **1230** LB. BUTTER **23184** LB. MILK



HIS DAM—MISS PIETERTJE ALEXINA 2d

KING MUTUAL

This average of 1230 lb. butter and 23184 lb. milk for his two nearest dams, one making her record as a junior 2-year-old and the other as a five-year-old gives him an average equalled by but three or four bulls of the breed.

A SON OF THIS

—She Has Just Completed This Year Record—

Butter 1290.94
Milk 24,219.1

This record gives her eighth position among the full aged cows of the world in point of butter production.

Miss Pietertje Alexina 2d is one of the greatest producing cows in our herd.

When fresh she made a seven-day record of 30.16 lb. butter and now finishes her year with the above remarkable showing, which conclusively proves her consistency.

She is sired by a son of Clothilde Concordia, whose two nearest dams are both 30-lb. cows.

Bear in mind also that the two nearest dams of this bull average better than 33-lb. in 7 days.

In this bull you have all the heart could wish and the breeder who wants to get on top in long time work should investigate this fellow TODAY.

HARGROVE & ARNOLD HOLSTEIN CO. **Norwalk, Iowa**

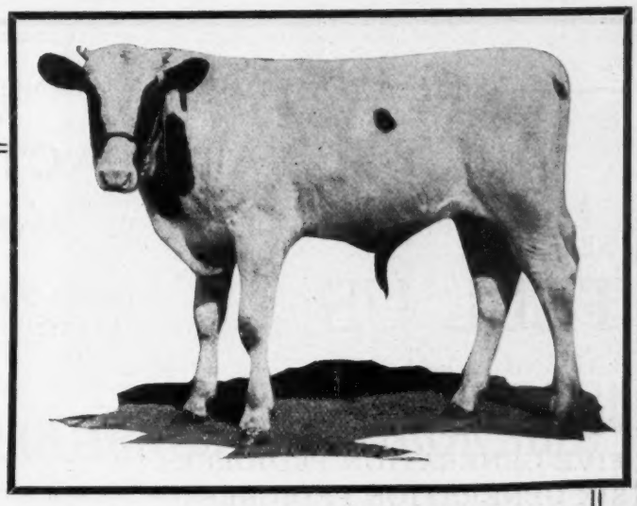
To Purchase Him Is To Own One of The Very Best Bred Long-Distance Sires In The World.

KATY

BORN SEPT. 11, 1917

PERFECT

In Individuality
In Breeding



This picture, taken several months ago, shows you just the sort of individual he was then and he is even better now. Perfect in type, conformation and coloring. He is wonderfully well grown and a matchless individual in every respect. **Ready for immediate use.**

His sire: **King Mutual Korndyke**, our senior herd sire and son of King Pontiac Segis Korndyke and Finderne Mutual Fayne, the world's champion junior 2-year-old in the long time division with her marvelous production of:

Butter	1200.64
Milk	22150.00

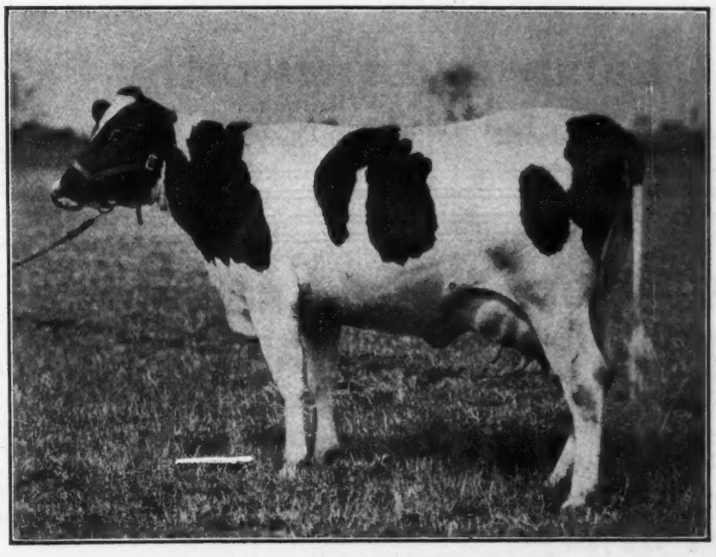
The next year she came back as a three-year-old and made a seven-day record of over 36 lb. butter. She is sired by King Hengerveld Aaggie Fayne (by King Fayne Segis from a daughter of Hengerveld De Kol), the sire of three 1000-lb. daughters. King Pontiac Segis Korndyke is a son of King Segis De Kol Korndyke, a son of the breed's first 37-lb. and first 1000-lb. butterfat cow.

COMBINATION

HIS SIRE'S DAM IS A SISTER TO:

Finderne Holingen Fayne	37.34
Finderne Netherland Fayne	37.13
Finderne Soldene Heng.	35.34
Finderne Wachusett Fayne	35.61
Finderne Soldene Fayne	33.28
Finderne Lady Fayne	32.76
Finderne Johanna Fayne	31.95
Finderne Holingen Fayne 3y	1395.06
Finderne Lady Fayne	1075.29

Our Time Proposition Might Interest You



HIS SIRE'S DAM—FINDERNE MUTUAL FAYNE

——THEY ARE COMPLETE, HANDY AND

SATISFACTORY

THE VERDICT OF OUR PEDIGREE PATRONS

TELL US WE'LL DELIVER IT IN THE SHORTEST POSSIBLE TIME

HERD REGISTER PEDIGREES Four generations with three carbons $1.50
FOUR GENERATION PEDIGREES Ancestors in red. Costs $2.00
FIVE GENERATION PEDIGREES Two carbons, ancestors in red $3.00
SIX GENERATION PEDIGREES For your herd bull. 62 ancestors in red $7.50
SALE CATALOGS 500 catalogs cost $3.50 per page for delivery.

LIVERPOOL SALE & PEDIGREE CO. Inc. **Liverpool, N. Y.**

A Beautiful Individual

Ready For Heavy Service

This bull is a very handsome fellow, nearly all white in color, is ready for immediate heavy use and is priced at the ridiculously low figure of $250. He is sired by King Segis Pontiac Canary a son of King Segis Pontiac and Jacoba Hartog Canary with a record of 30.82 lb. butter. The dam of the bull is K P Canary Jacoba with a 3-year-old record of 22.29-lb. butter, she by King of the Pontiacs from a 23.16-lb. daughter of a 30-lb. cow. This bull will do someone a lot of good.

Lamb & Langworthy

East Hamilton, N. Y.

A REMARKABLE BULL CALF AT RAYMONDALE

On a recent visit to Raymondale Farm, Vaudreuil, Quebec, I saw a bull calf that has few, if any, equals in respect to combined milk and butter records of dam and sire's dam. Mr. D. Raymond, the proprietor of the farm, expects to consign this calf to the National sale at Philadelphia next June, and breeders who are looking for the utmost in high record backing will do well to keep an eye on this fellow. His sire is Avondale Pontiac Echo, son of May Echo Sylvia, and therefore a half-brother as well as a grandsire of the $106,000, Carnation King Sylvia. The sire of Avondale Pontiac Echo was King Pontiac Artis Canada, 51 tested daughters, he by King of the Pontiacs and from Pontiac Artis, 31.71 lbs. in 7 days and 1076.91 lbs. in a year, one of the best daughters of Hengerveld De Kol.

The dam of Mr. Raymond's calf is Korndyke Queen De Kol 6th, 781.5 lbs. milk and 37.26 lbs. butter in seven days and 3099 lbs. milk and 150.95 lbs. butter in 30 days at 8 years. At 6 years old she made 718.9 lbs. milk and 35.09 lbs. butter in 7 days. This cow is simply a milking machine, her development of udder and veins being immense. Her dam is Korndyke Queen De Kol, 24.41 lbs. 6 tested daughters and 4 proven sons, undoubtedly the greatest transmitting daughter of old Belle Korndyke. Could anyone ask for better breeding?

Korndyke Queen De Kol 6th milked as high as 122.6 lbs. in a day last year and 117.4 lbs. the present season, while her best seven consecutive days' milk was 785.7 lbs. Pedigree experts who undertake to work out the records behind this calf will find an average milk production for dam and sire's dam of 136.9 lbs. in 1 day and 895.75 lbs. in 7 days. The average butter production for dam and sire's dam figures out at 39.14 lbs. in 7 days and 160.33 lbs. in 30 days.

Holstein fanciers who find themselves in Montreal should make it a point to call on Mr. Raymond at the Queen's Hotel and take a trip out to the farm with him. They will find him an ideal host and a business man of the first rank. Raymondale Farm is beautifully situated on the banks of the mighty Ottawa, the cuisine at the comfortable farm house is presided

HOME FARM HOLSTEIN FRIESIANS

Your name on a card will bring you his photo, price, and pedigree

His Six Nearest Dams Average 29.31
His Thirteen Nearest Dams Average 29.04

His sire is one of the best sons of
KING KORNDYKE SADIE VALE

He has a double cross of King Segis De Kol Korndyke.

Born February 18, 1918. ¾ white.

Dam.
BEAUTY RAUWERD HENGERVELD

Butter 7 days 26.73
Milk 647.00
Butter 30 days ..... 103.
Milk 30 days ..... 2632.

W. B. BARNEY & SONS **Chapin, Iowa**

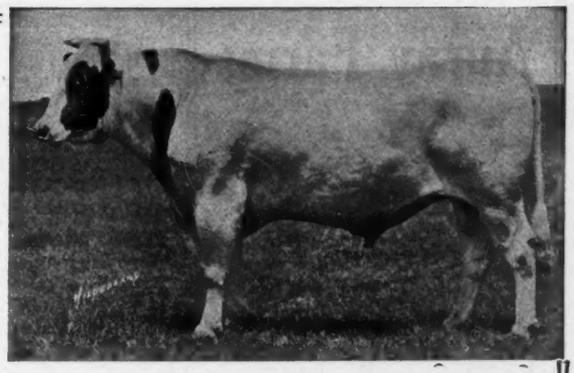
over by a skillful cook from old France. while the immense barns and splendid herd of cattle will delight the heart of the stockman. The stables are very light and airy and the hollow cement walls ensure dryness at all times. As the land is level and rather heavy in texture, Mr. Raymond found extensive draining desirable. Accordingly he installed his own tile-making machinery and has already laid fifty miles of drains.

Mr. Raymond has for several years maintained a string of race horses with considerable success, two of his colts running first and second in the Nursery stakes at Blue Bonnets track the day previous to my visit. However, finding himself too busy even to see his horses run, he is giving them up and will confine his breeding operations to the Holsteins. At another farm he keeps from 500 to 600 hogs which consume the refuse from the two hotels which he operates himself, as well as two others including the great Windsor Hotel.

Mr. Clarence Goodhue, herdsman at Raymondale, was formerly with the racing string and his experience with cows is comparatively short. As a feeder and fitter he does not claim to class with experts like Messrs. Cole, Salisbury, Lynn and others, but the fine records he has been making during the past two or three years entitle him to a great deal of credit. Besides Korndyke Queen De Kol 6th there are quite a number of other cows that are worthy of mention. A show cow of almost perfect type is Francy Belle Wayne with a three-year-old record of 557.3 lbs. milk and 29.20 lbs. butter in seven days and 2318.8 lbs. milk and 117.86 lbs. butter in 30 days. Another good one is Raymondale Geiske 616.6 lbs. milk and 29.06 lbs. butter in 7 days at 3 years. De Kol Plus Segis Dixie at 5 years gave 665.1 lbs. milk and 28.71 lbs. butter. She is a cow of fine type with a beautiful udder. Lillie Pietertje Korndyke has 603.1 lbs. milk and 28.73 lbs. butter in 7 days and Princess Echo DeKol 2d has 678.7 lbs. milk and 28.23 lbs. butter at 5 years. Het Loo Lady at 3 years gave 583.1 lbs. milk and 25.89 lbs. butter, while Het Loo Ina at the same age has 610.8 lbs. milk and 25.27 lbs. butter. Raymondale Girl at 2 years

(Continued on page 70.)

Study This Pedigree of



THE BLOOMINGDALE SENIOR SIRE

King Pontiac Fayne Alcartra

King of the Pontiacs, 39037
237 A. R. O. daughters—
K P Pontiac Lass 44.18
(The first 44-lb. cow.)
Butter 30 days 171.50
Butter 90 days 426.68
Butter 100 days 465.16
(World's records when made)
Idleaze Pontiac Lass 42.48
K P Diona Pietertje 40.15
Milk 825.60
K P Mercedes Prilly 3y 34.25
K P Ruby Pietertje 33.37
K P Lilith Boon 32.22
K P Gem 3½y 31.82
Butter 30 days 123.20
K P Proserpina 31.82
K P Metis 3y 31.74
Butter 30 days 130.59
14 others above 30 lbs.
134 others from 20 to 29 lbs.

Alcartra Fayne Burke, 164962
Butter 7 days at 5½ y 30.90
Milk 450.20
Butter 30 days 118.45
Milk 2096.90
At 2 yr 5 mo 3 days—
Butter 7 days 14.42
Milk 337.20
By a brother to:
Mooie Veeman Pontiac 5y 36.64
Butter 7 days at 4 yr 31.76
Lyndon Alcartra Polkadot 7y 33.03
Butter 30 days 131.85
Butter 7 days at 5 y 32.54
Sethje Mooie 5y 32.55
Butter 7 days at 4 yr. 31.13

Pontiac Korndyke, 25982
147 A. R. O. daughters—
Fairview Korndyke Mata 47.16
Butter 30 days 185.32
(World's record)
Korndyke Winona 42.16
Fair. Korn Heng. 3d 39.43
Pontiac Lady Korndyke 38.03
15 others above 30 lbs.

Pontiac Lunde Hengerveld, 51585
Butter 7 days 28.41
Milk 559.80
Butter 14 days 55.35
Milk 1121.50
Butter 30 days 114.82
Milk 2405.20

Mooie Fayne Burke, 65431
20 A. R. O. daughters—
Alcartra Fayne Burke 30.90
Oakland Rue Burke 4½y 27.23
Long Beach Ruby Aaggie 4y 26.65
Alpha Mead Dora Fayne Burke 4y 26.26
Alpha Mead Fayne De Kol 25.31
Butter 7 days at 3 y 22.21
6 A. R. O. sons

Alcartra Polkadot Ormsby, 66334
Butter 7 days at 8 y 31.25
Butter 7 days at 6y 27.27
Butter 7 days at 5y 26.54
Butter 60 days 106.15
Butter 7 days at 3½ y 18.90
Butter 7 days at 2½y 17.41
(4 times an Assn. prize winner.)
5 A. R. O. daughters—
Alcartra Fayne Burke 30.90
4 others from 20 to 30 lbs.

BLOOMINGDALE HERD
SOMERVILLE, N. J.
A. A. Cortelyou, Proprietor **Jacob Reger, Supt.**

We Will Sell Ten Females

FOUR yearlings
SIX two to eight years old

All these are either 20-pound cows or out of 20- to 24-pound cows or from A. R. O. daughters of 20- to 24-pound cows.

Also Bull Calves by

Aaggie Cornucopia Johanna Lad 7th

One from a 31-pound cow.
One from a 26.91-pound daughter of a 34-pound cow.
One from a 24.87-pound twin sister to a 35.42-pound four-year-old.
Other ones as good.

Write or come and see them

McKay Brothers **Waterloo, Iowa**

Auray Farms

Offer at

BARGAIN PRICES

to Make Room—

Several young sons and daughters, three to five months old, of

King Wachusett Valdessa No. 187261

whose three nearest dams average:

Butter 7 days..... 37.15
Milk ..... 653.
Butter 30 days 146.40
Milk ..... 2744.

All bred from A. R. O. dams and grandams of the choicest breeding.

Bulls—$100, $150 and up
Heifers—$150,$200 and up

Crated — Delivered Guaranteed

Splendid Bargains in Foundation Stock.

Write Today for Charts.

Auray Farms

F. M. Avery I. M. Avery, Mgr.
SPARTA, Sussex County, N.J.

BUTTER FOR THE NAVY

Butter for the navy is being inspected by dairy manufacturing specialists of the Department of Agriculture to insure a uniformly high quality for men in the service. In this work, greatly enlarged since the war, there are 60 specialists inspecting the output of 90 creameries in various parts of the country. Only the best grade of cream is accepted for making this butter. More than six and a half million pounds of butter will be inspected during the season and most of it will be packed in lacquered tin containers in order to preserve its quality for as long a time as possible.—Weekly News Letter.

Only the simple life is honorable or even decent today.

THE GINN DISPERSAL SALE

The dispersal on October 10th of the W. H. Ginn and Son herd under the management of the California Sale and Pedigree Co. adds another to the growing list of successful sales conducted by this company. While the average was not quite as large as has been received at other sales, the selling of 74 head a great number of which were very young calves, for a total of $13,470 speaks well for the success of the sale. W. D. Millard of Arcadia, Calif., gave $425 for Aralia De Kol Pontiac Salambo, the top price of the sale. The young cow was by a son of the great producer Aralia De Kol and from a 27.56-lb. daughter of Pet Salambo of Riverside, a 33.03-lb. cow. Twelve animals crossed the $300 mark and twenty-eight of the offerings passed the $200 mark. A list of the animals selling for $150 or over is given below:

No. 1.	Aralia De Kol Pontiac Salambo, W. D. Millard, Arcadia, Cal	$425
No. 2,	Aaggie Wayne Heng., W. D. Millard, Arcadia, Cal.	360
No. 4.	Candida of Sleepy Hollow 3d, W. D. Millard, Arcadia, Cal.	400
No. 6.	Claria Vrooman Perfection 3d, W. D. Millard, Arcadia, Cal.	210
No. 8,	Duchess Lady Burke, H. M. Cross, Merced, Cal.	300
No. 10,	Flossie Amelia Kathleen, J. C. Swartzbaugh, San Gabriel	235
No. 12,	Flossie Cornucopia Johanna, Geo. Rumsey, Hanford, Cal.	205
No. 16,	Hillview Shadeland De Kol, N. D. Millard, Arcadia, Cal.	225
No. 18.	Josie De Kol Fobes Tritomia, C. W. Anderson, Burbank, Cal.	320
No. 19.	Juliana De Kol Segis, N. D. Millard, Arcadia, Cal.	280
No. 20.	Josephine Aaggie Maid, N. Hansen, Corcoran, Cal	265
No. 21,	Josie Pondyke De Kol, N. D. Millard, Arcadia, Cal.	240
No. 24.	Maid Meditation 2d, N. D. Millard, Arcadia, Cal.	240
No. 25,	Mary Marmion, N. D. Millard, Arcadia, Cal.	400
No. 27.	May De Kol Pondyke, N. D. Millard, Arcadia, Cal.	
No. 28.	Mabel Vale Nephele, N. D. Millard, Arcadia, Cal.	180
No. 32.	Pietertje Lass Pauline Johanna 3d, C. J. Forbes, Tulare, Cal.	240
No. 33,	Pauline of Bloom 2d, C. W. Anderson, Burbank, Cal.	150
No. 34.	Parthenea Juliana Cloverleaf, H. T. Appersin, Angiola, Cal.	150
No. 36.	Pearl Nephele Clothilde, M. Hansen, Corcoran, Cal.	370
No. 37.	Queen Helen Korndyke, W. D. Millard, Arcadia, Cal.	315
No. 41.	Selmora Maid, W. Hansen, Corcoran, Cal.	300
No. 43.	Sarcastic Candida, W. D. Millard, Arcadia, Cal.	295
No. 46.	Shadeland De Kol Roeltje 2d, C. J. Forbes, Tulare, Cal.	225
No. 49.	Sharlet De Kol, W. D. Millard, Arcadia, Cal.	325
No. 55.	Princess Aralia Juliana, Post-Card Ranch, Corcoran, Cal.	160
No. 57.	Claria Vrooman Pietertje, J. McSwain, Merced, Cal.	235
No. 62.	Josie De Kol Fobes Tritomia 4th, W. D. Millard, Arcadia, Cal.	310
No. 63.	Josie De Kol 7th, H. M. Cross, Merced, Cal.	200
No. 64.	Alma Shadeland De Kol, W. D. Millard, Arcadia, Cal.	180
No. 68.	Pauline Oak Pondyke, H. M. Cross, Merced, Cal.	260
No. 69.	Princess Selmora Heng., H. L. Owen, Lanare, Cal.	265
No. 70.	Candida Lass, J. C. Swartzbaugh, San Gabriel	200
No. 73.	Fascination De Kol 3d, C. W. Anderson, Burbank, Cal.	165
No. 76.	Queen Sharlet 2d, W. D. Millard, Arcadia, Cal.	400
No. 77.	Romeo Pietertje Lass, W. D. Millard, Arcadia, Cal.	220
No. 83.	Lord Burke Piebe, E. L. Morley, Merced, Cal	150
No. 94.	Lady Burke Piebe, W. D. Millard, Arcadia, Cal.	175

THE EIGHTEENTH LAKE MILLS SALE

The eighteenth semi-annual consignment sale of the Lake Mills Holstein Breeders was held October 22 and 23 when 182 head were sold for $37,275 or an average of approximately $205. The best price of $1675 was paid by Andrew Frank for the heifer Lady Oak Bessie Homestead consigned by Benj. F. Berg. This heifer is sired by Canary Fobes Bessie Homestead from Lady Oak 2d De Kol, á 34.14-lb. daughter of Homestead Jr. De Kol. Pabst Korndyke Arnold, consigned by Pabst Stock Farm was purchased by F. W. Shadewald for $1000. This bull is by a son of Johanna McKinley Segis and Pontiac Lady Korndyke from a 31.05-lb. daughter of King Pontiac Champion. Fereno Segis Champion a daughter of King Segis Champion from a 31-lb. daughter of Pontiac Korndyke and in calf to King Valdessa Pontiac sold for $840 being purchased by W. C. Leitsch of Columbus, Wis. Eight animals crossed the $500 mark and 34 sold for $300 or better. A list of those selling for $250 or better is given below.

Consigned by F. Lee Norton, Racine, Wis.	
Ref. Sire No. 1. King Alcartra Pontiac Snowball, De Grove Bull, Racine, Wis.	$650
Lady Gerda Chimes, Roy Hetts, Ft. Atkinson, Wis.	400
Lady Gerda Chimes 3d, D. H. Syme, Glenwood City, Wis.	265
Lady Gerda Chimes 4th, Roy Hetts, Ft. Atkinson, Wis.	500
Piebe Hengerveld Mechthilde, D. H. Syme, Glenwood City, Wis.	325
Daisy De Kol Ormsby 4th, Walker Bros., Racine, Wis.	270
Parthenea Inka De Kol 4th, Walker Bros., Racine, Wis.	400
Korndyke Hengerveld Piebe 3d, Walker Bros., Racine, Wis.	300
Daisy De Kol Ormsby 5th, Walker Bros., Racine, Wis.	370
Augustine Johanna De Kol Ormsby, Walker Bros., Racine, Wis.	330
Augustine Johanna Lady Korn., C. B. Rutherford, Lake Mills, Wis.	255
Mercedes Foxy Korndyke, John L. Fisher, Janesville, Wis.	250
Lilith Grindetta De Kol Friend, Art Rasche, Lake Mills, Wis.	515
Fereno Segis Champion, W. C. Leitsch, Columbus, Wis.	840
Consigned by Fred Gurr, Lake Mills, Wis.	
Molly Pietertje Longfield, Geo. Hetts, Ft. Atkinson, Wis.	400
Sir Ormsby Minita Homestead, Geo. H. Sayre, Jefferson, Wis.	430
Consigned by H. J. Schultz, Shipman, Ill.	
Ashburn Sir Pietertje Segis, S. J. Craig, Prophetstown, Ill.	645
Consigned by S. W. Faville, Lake Mills, Wis.	
Canary De Kol Longfield 2d, Milbrandt Bros., Evansville, Wis.	285
Longfield Piebe Vale Homestead, R. P. Ames, Brooklyn, Wis.	290
Queen Echo Homestead, R. P. Ames, Brooklyn, Wis.	265
Glen Rose Homestead, Harry Faville, Lake Mills, Wis.	290
Ellen of Glen Rose Echo 2d, Chas. Hessel, Francis Creek, Wis.	305
Inka Cornucopia De Kol Homestead, R. P. Ames, Brooklyn, Wis.	350

(Continued on page 72.)

FOR SALE 20

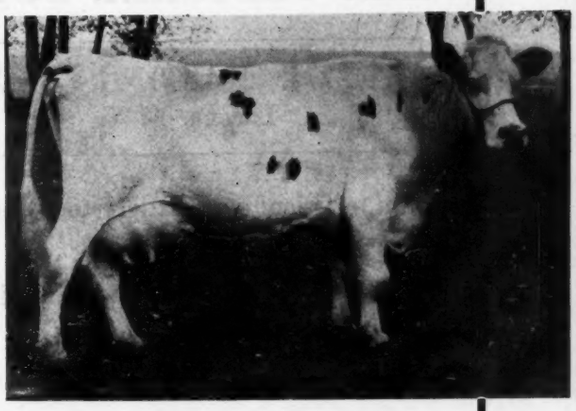
COWS
HEIFERS
CALVES

Sired by Sons of

Beauty Pietertje Hamilton.
Rouble Peck Butter Boy.
King of the Black and Whites.

C. S. ALBE **Hamilton, N. Y.**

ELLIOTT BROS. DISPERSAL SALE DEC. 6, 1918



AALTJE WAYNE DE KOL 3d

31.94 lb. butter, 560.1 lb. milk. Weight (May 1st) 1950 lbs. Dam of Jessie Fobes Aaltje 31.6 lb. and of Aaltje Pontiac 22.9 lb. at 26 mos. The dam and both daughters will be sold.

SIX 30-LB. COWS

A number of others with records from 24 to 28 lbs. at 3 and 4 years. 22-lb. two-year-olds.

Fifteen daughters of the world record bull King Pietertje Ormsby Piebe from many of our best cows. They are granddaughters of Queen Piebe Mercedes 1389 lbs. butter 30,230 lbs. milk 365 days at 4 years. World's record for age both butter and milk.

Sixteen daughters, from dams up to over 30 lbs. of Sir Gerben Pauline, a 33.8-lb. bull who is making good. The first two pure bred calves sired by him and the only ones that have calved in mature form have just made records of 30.54 and 34.8 lbs. There are several in sale that are better.

Many of the heifers in the offering have from 3 to 5 crosses of Ormsby blood and they have all the quality, type and promise of production that would be expected from animals of their breeding.

Every bull with daughters old enough to be in milk, that has been used in this herd since 1903 has sired one or more daughters above 31 lbs. butter 7 days.

Eleven thirty-pound cows have been born and bred in this herd.

SOLD WITH A 60-DAY RETEST GUARANTEE

BULLS

The herd sire Ormsby Korndyke Lad 7th, one of the finest sons of the great Ormsby Korndyke Lad and from Woodcrest De Kol Mary, 35.24 lbs. butter 7 days 115 lbs. milk 1 day.

Four beautiful young sons 2 to 7 months, of King Pietertje Ormsby Piebe, the highest year-record bull of the breed and the only bull with dam and grandam that average over 1312 lbs. butter and 29,640 lbs. milk 365 days. One from a 31-lb. daughter of the cow in above illustration. Others are from dams with 25 and 26 lbs. 7 days at 3 years of age.

This is an Absolute Dispersion of the Entire Herd

ELLIOTT BROTHERS

WOODWARD, IOWA

HAEGER and TELLIER, Auctioneers S T WOOD in the box

Sale at Dairy Cattle Congress Grounds, Waterloo, Iowa

PIONEER PEDIGREE BUILDERS

E. M. HASTINGS CO.
Lacona, N. Y.

Prompt, efficient and satisfactory service in Holstein pedigrees

Investigate our Ideal Loose Leaf Herd Register for your entire herd

SALE CATALOGS THAT SATISFY

Editor World:

We are pleased to report a recent sale, to the Forsgate Farm, Jamesburgh, N. J., of an unusually high quality bull. In fact, we consider him one of the best individual specimens we have ever produced. We refer to the young Ormsby-Colantha bull recently advertised in the World. Considering the breeding and type of his sire, King of the Ormsbys, and dam Colantha Johanna Soldene, which is one of Colantha Johanna Lad's best individual daughters, you can appreciate that this young animal is not only certain to develop into a bull of outstanding individuality but is sure to make good as a sire. Colantha Johanna Soldene, dam of bull, is not only a wonderful producer, having a record of 32½ lbs. of butter with over 600 lbs. of milk, but is a show animal, having won a number of prizes for us.

Forsgate Farms are to be congratulated on the selection of this young animal to head their herd.

Tranquility & Allamuchy Farms.

The food problem is a perpetual challenge to the idealism and business efficiency of America.

America and the Allies have pooled food resources, and it is now up to every American to put more in the pool and take less out—no spillways are wanted.

A. R. O. Cows For Sale

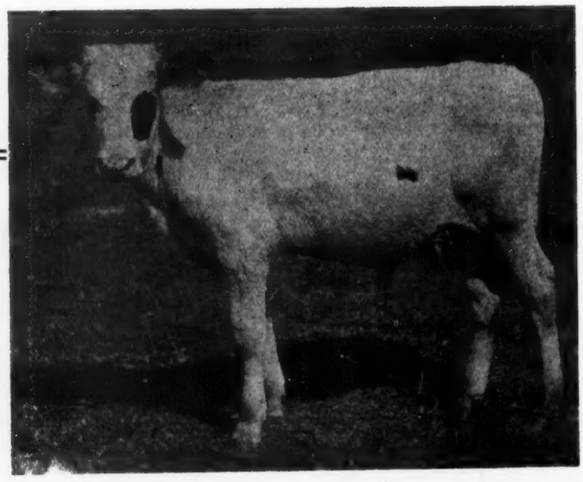
Must sell at once 6 or 8 A. R. O. cows. Five to eight years old. Will price them cheap for quick sale. May be seen at farm near Canastota, N. Y. Address W. E. Bond, Potsdam, N. Y.

FOR SALE

11 heifer calves, from five months to one year old, mostly light in color. Sired by King Pontiac Pete No. 155874, a grandson of King of the Pontiacs and Pietertje Hengerveld Segis.

M. T. & L. R. Bartlett Norwood, N. Y.

Type and Production Combined



PRICE $500

Born March 22, 1918

He is sired by **Royal Konigen** whose five nearest dams average
Butter ..... 37.63 lbs.

His dam is one of the very best young cows in the herd and five of her near dams average in 7 days:
Butter ..... 27.62 lbs.

Ten of the nearest dams of this calf average 32.62 lb. butter.

He combines the blood lines of King Segis and that of the great foundation cow, Aaggie Cornucopia Pauline, the first 34-lb. cow of the breed.

We also have a few other bull calves for sale. The very best of breeding and individuality. Prices $75 to $150 each.

Will also sell ten extra well bred cows—ages 2 to 7 years (mostly 3-yr-olds). Three of them have splendid A. R. O. records. Price $2,500 if the whole lot is taken.

P. A. BAXLEY **Blackville, S. C.**

PUBLIC SALE

— OF —

GREAT LONG DISTANCE BREEDING IN HOLSTEINS

— AT —

Homestead Farm, Dover, Delaware

NOVEMBER 20, 1918

43 head of excellent individuals with splendid A. R. O. backing. Most of the females old enough are safely bred to the senior sire of our herd

FINDERNE PRIDE FAYNE, No. 84452

who already has 7 A. R. O. daughters, one 3-year-old 26 pounds; whose dam **Finderne Pride Johanna Rue** has an official record of 36.87 lbs. of butter in 7 days, with a test of 4.26 per cent, 28403.7 lbs. of milk, testing 4.14 per cent fat and 1470.5 lbs. of butter in 365 days, a world's record when made.

His sire, **King Hengerveld Aaggie Fayne** is the sire of a 37.34-lb. 3-year-old, who also has a record of 1395 lbs. of butter in a year, and of 4 others above 35 lbs.

This is the popular blood of the day because it is based upon high production, high testing and long time records.

Good hotel accommodations at Dover. Train leaving Philadelphia at 7.25 in the morning will get you at the farm in time for the sale.

For catalogue apply to the owner.

DANIEL O. HASTINGS **Wilmington, Delaware**

OPPORTUNITY

— IS —

Knocking Knocking Knocking at Your Door

Green, the world's greatest Holstein benefactor, will sell **sons of King Champion Rag Apple,** the world's greatest sire of individuality, on the following terms: Three equal payments for approved notes payable one, two and three years from date of purchase.

Just think for yourself—most people let others think for them. Always keep in mind your success as a Holstein breeder depends almost entirely upon the kind of a sire used. Do you know of a real successful breeder who does not owe his success to some great bull that at some time has sold at a very reasonable price? Did you know that Rag Apple Korndyke 8th, (advertised as the greatest bull in the world), once sold for less than $1000? And scores of other great bulls have been sold for no greater amount.

We have several sons of KING CHAMPION RAG APPLE, and every one a nice, straight topped, well grown fellow, ready for service, that can be had for $1000.

BUY A SON OF KING CHAMPION RAG APPLE and your success is practically assured.

WALNUT CREST FARMS

P. O. Middlefield, O. **A. W. GREEN, Prop.** **R. R. Sta., E. Orwell, O.**

The Yates Farms

Home of

Rex Pontiac

A son of Spring Farm King Pontiac, from a 31-lb. dam. His first daughter made over 20 lbs. in 7 days at 2 years, and averaged over 60 lbs. milk per day for 30 days. His get are individually wonderful.

King Valdessa Korndyke

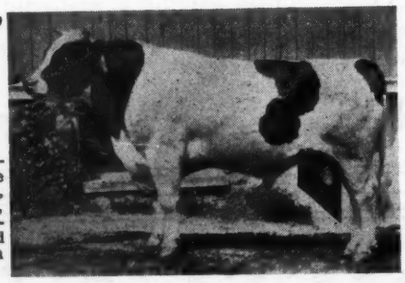
A son of King Pontiac Segis Korndyke, whose 2 nearest dams average nearly 34 lbs. and whose dam is the 38-lb. daughter of the first 40-lb. cow, Valdessa Scott 2d, dam and grandam averaging over 40 lbs.
We are breeding the daughters of Rex Pontiac to King Valdessa Korndyke. The result should be desirable. For a bull bred along these lines, address

The Yates Farms

ORCHARD PARK, N. Y.

T. M. ADAMS, Mgr. HARRY YATES, Prop.

Get an "OLLIE" Show Bull



Sired by Iowana Sir Ollie—our senior sire—from the same dam as the Grand Champion, Oak De Kol Ollie Homestead, and in the same class as an individual. He is making good as a sire, with state champion producers and real individuals.

HERE IS ONE OF HIS SONS

Born April 18, 1918, about evenly marked, a typical son of his sire—and that's enough.
His dam, a 27-lb. 5-year-old, milked 101.5 lb. in a day, and is one of the best daughters of Cornucopia Pontiac Johanna Lad. She has a 19.9-lb. yearling daughter, and was himself

First Prize 3-year-old at the National

Buy this Bull and improve both the type and production of your herd. Write for details.

NATHAN DICKINSON & SON
WALCOWIS FARM, Lake Geneva, Wis.

(Continued from page 65.)

gave 460.1 lbs. milk and 21.02 lbs. butter. A glance over these figures will show that Mr. Raymond is getting an abundance of milk as well as butter, and he is a stickler for good type and shapely udders as well.

The chief sires in service in the herd have been Pontiac Korndyke Het Loo and Avondale Pontiac Echo. The former is a son of Pontiac Korndyke, and I doubt if the old bull ever sired a better individual. He is as straight as a line and despite his great size, weighing over 2700 pounds in show shape, he is of true dairy type, showing no trace of beefiness. He has already to his credit the great $12,750 heifer, Het Loo Pietertje, world's champion junior two-year-old for butter for 7, 30 and 60 days, Raymondale Geiske, 29.06 lbs. at 3 years and a long list of other good two and three year-olds. By the way, Mr. Raymond has a heifer calf, a full sister of Het Loo Pietertje, that would make any breeder's mouth water. She is a little gem, and promises to equal her famous sister. As her dam also produced Mildred Pietertje Abbekerk, world's champion senior four-year-old for milk for 7 and 30 days, she has every right to make good.

The daughters of Pontiac Korndyke Het Loo have been bred to Avondale Pontiac Echo, while the young daughters of the latter, of which there are quite a number, are being bred to the Het Loo bull. In a few years Mr. Raymond will have a herd practically all his own breeding, and all closely related to May Echo Sylvia and Het Loo Pietertje. Raymondale herd is already admitted to be the finest in the province of Quebec, and with the extremely fashionable blood lines and the business ability of the proprietor we may look for much greater things in the future.

W. A. Clemons.

St. George, Ont.

I used to think milk at fourteen cents a quart was out of reason; but since milking Breeder Holstein's prize herd, I've wondered how a dairyman can part with it at the price he does.

"It doesn't seem right," said the man with worn-out shoes.

"What doesn't seem right?"

"That a mere cow can afford to wear all that leather."

—Washington Star.

Senior Sire

King Pontiac Dione

He is sired by King Segis Pontiac, the well known sire of high priced bulls and whose dam was the first 37-lb. cow, Pontiac Clothilde De Kol 2d.

His dam, Pontiac Diona, is one of the highest yearly record daughters of the great Hengerveld De Kol.

King Pontiac Dione is an extra good individual. This can also be said of his daughters and they are making good records, both short and long time.

WAKEFIELD FARM

GEO. E. VAN HAGEN, Owner

Our herd numbers over 155 head and contains animals with the best of breeding. The herd contains a large number of daughters of our two well bred sons.

We can offer you sons of King Segis Pontiac Chicago, out of daughters of King Pontiac Dione, also sons of King Pontiac Dione from high record dams.

We will be glad to hear from you.

A. N. DUNLOP, Supt. Barrington, Ill.

Junior Sire

King Segis Pontiac Chicago the $20,000 Bull

This highly prized young bull is also sired by King Segis Pontiac. His dam is Johanna De Kol Van Beers, the former world's champion.

The two nearest dams of this bull average:

7 days—38.64 lbs. butter; 654.7 lbs. milk.

30 days—148.34 lbs. butter; 2676.3 lbs. milk.

His splendid individuality is transmitted in a marked degree to his offspring.

FRIESLAND FARM

Offers the following young bulls, outstanding individuals, well grown, straight over the back, long and deep bodied and splendidly bred

EVERY ONE FROM A 30 LB. DAM

No. 1 (Born January 1, 1918). Sired by Rag Apple Korndyke Boon, a promising son of Rag Apple Korndyke 8th and Fairview Korndyke Boon, a 32-lb. junior 4-year-old daughter of Pontiac Korndyke. Rag Apple Korndyke Boon's first four daughters all made better than 20 lb. up to 23.25 lb. His 70 daughters now in our herd will all be retained and developed before being sold. Dam: Dora Sarcastic. Butter 32.19 lb. from 538.9 lb. milk. A splendid straight cow and sister to Niva Kalmuck 45.18 lbs.

No. 2 (Born January 31, 1918). Sire: Rag Apple Korndyke Boon (above). Dam: Kalmuck Skylark Clyde. Butter 31.16 lb. from 579.5 lb. milk in 7 days and 125.61 lb. butter from 2325.5 lb. milk in 30 days as a 4-year-old. She is also a sister to Niva Kalmuck 45.18 lbs. This bull is exceptionally showy, largely white in color and will make a great sire for someone.

No. 3 (Born February 6, 1918.) Sire: Rag Apple Korndyke Boon (see above). Dam: Segis De Kol Johanna 2d with 30.23 lb. butter from 528.4 lb. milk and sister to two 32-lb. three-year-olds. She is sired by King Segis Lyons from a sister to the famous Niva Kalmuck 45.18 lbs.

No. 4 (Born March 11, 1918.) Sire: Rag Apple Korndyke Boon (see above). Dam: Omaha Wayne Kalmuck, with a junior 4-year-old record of 30.06 lb. butter, which record she is capable of increasing very materially. She is also a sister to Niva Kalmuck 45.18 lbs. This bull is largely white and an exceptional individual.

No. 5 (Born April 4, 1918.) Sire: Rag Apple Korndyke Boon (above). Dam: Colantha Gladi Parana. Butter 31.72 lb. from 624.6 lb. milk. She by Sir Johanna Colantha Gladi (by Colantha Johanna Lad from Pontiac Gladi 32 lb. by Hengerveld De Kol) from a daughter of Belle Pietertje Hengerveld Prince. A big strong cow and a great dam for a herd sire.

No. 6 (Born April 10, 1918.) Sire: Rag Apple Korndyke Boon (above). Dam: Miss Lotta Kalmuck with a record of 30.05 lb. butter from 541 lb. milk and she in turn from Lotta Clyde (by Sir Clyde) that was Nebraska's first 30-lb. cow with her record of 31.33 lb. butter from 709 lb. milk. The four nearest dams of this fellow are all 30-lb. cows and average 32.89 lb. butter. Remember also his dam is a sister to Niva Kalmuck 45.18 lb.

These Bulls are Guaranteed Breeders and Guaranteed Against Tuberculosis For Sixty Days.

Friesland Farms B. B. DAVIS, Owner HENRY STUBBE, Mgr. **Omaha, Neb.**

DO YOU KNOW?

1—That King Walker Johanna Lad heads the Summit Farms herd of over 100 head of pure bred Holsteins?

2—That he is sired by the great King of the Black and Whites who was the first bull of the breed whose seven nearest dams averaged over 30 lbs. butter in 7 days?

3—That his dam is the best daughter of the famous Lottie Walker Spofford, the first cow in the U. S. to make four consecutive records above 30 lbs.?

4—That he is being bred to the elite of our herd including the 33-lb. junior 3-year-old Champion of New England?

5—That his daughters are a splendid lot, showing a constitution and individuality conforming with the ideal dairy type?

6—That we are offering several straight, handsome sons from A. R. O. dams that are ready or nearly ready for service at prices that are within the grasp of the average dairyman?

Prices and pedigrees furnished upon request.

Summit Lumber Co.

Davidson, Maine

(Continued from page 66.)

Consigned by Pabst Stock Farms, Oconomowoc, Wis.

Pabst Korndyke Arnold, F. W. Shadewald, Gotham, Wis.	1000

Consigned by C. M. Beveridge, Lake Mills, Wis.

Willow Grove Beauty, R. P. Ames, Brooklyn, Wis.	370
Male born Feb. 9, 1918. Wm. Frieloff & Son, Ft. Atkinson	250
Lucile Ormsby Bawn, R. E. Benson, Dousman, Wis.	405

Consigned by J. P. Torry, Kenosha, Wis.

Fancher Farm Pontiac Madge (twin), J. P. Torry, Kenosha, Wis.	400
Fancher Farm Pontiac Maud (twin), J. P. Torry, Kenosha, Wis.	400
Maple Grove Annie De Kol, Roy Hetts, Ft. Atkinson, Wis.	350
Netherland Contest De Kol Elliston, Geo. Hetts, Ft. Atkinson, Wis.	300

Consigned by Jesse M. Crump, Lake Mills, Wis.

Generva Homestead Ormsby, E. C. Brown, Lake Mills, Wis.	300
Ruth Aaggie Acme Homestead, Fred Cramling, Dousman, Wis.	250

Consigned by H. H. Bridge, Lake Mills, Wis.

Plain View Johanna Bettina, E. C. Brown, Lake Mills, Wis.	285
Genevieve Korndyke Homestead, F. B. Green, Evansville, Wis.	265

Consigned by Benj. F. Berg, Lake Mills, Wis.

Lady Oak Bessie Homestead, Andrew Frank, Fox Lake, Wis.	1675
Canary Fobes De Kol, Ned Killoy, Gotham, Wis.	270

Consigned by Hans Hansen, Lake Mills, Wis.

Colantha Fobes Tritomia Queen, Ned Killoy, Gotham, Wis.	275
Veronica Queen Colantha, A. T. Hapke, Waukesha, Wis.	250

Consigned by Milford Meadows Stock Farm, Emmons Blaine, Lake Mills, Wis.

Milford Agnes Cornucopia Oak, R. E. Hopkins, Edgerton, Wis.	360
Milford Vashti Canary Fobes, Ned Killoy, Gotham, Wis.	285
M. M. Rag Apple Longfield, Frank R. Mullen, Watertown, Wis.	400
Milford Piebe Ormsby Homestead, Frank R. Mullen, Watertown, Wis.	375
Tyranena Ivy De Kol, F. B. Green, Evansville, Wis.	305

Consigned by Roy Hetts, Ft. Atkinson, Wis.

Flora Whetsone Piebe, C. Everson, Lake Mills, Wis.	280

Consigned by Will Goodrich, Ft. Atkinson, Wis.

Barbetta Terzool, F. G. Lehmann, Watertown, Wis.	320

Consigned by John Hetts, Ft. Atkinson, Wis.

Male born April 29, 1918, C. W. Harrison, Ringwood, Ill.	375

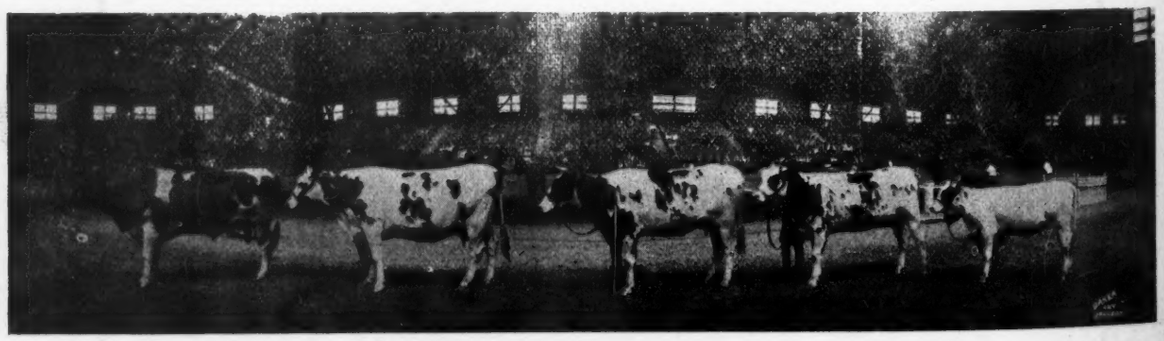
Consigned by Wm. Everson & Son, Lake Mills, Wis.

Segis Pontiac Ykemas Queen, F. B. Green, Evansville, Wis.	355
Generva Colanthus 6th, W. P. Walsh, Lake Mills, Wis.	250
Segis Bess of Rock, C. E. Brenner, Williamsport, Ind.	500
Segis Grace of Rock, C. E. Brenner, Williamsport, Ind.	500
Piebe Bess 3d, F. B. Green, Evansville, Wis.	325

AN INTERESTING OHIO SALE EVENT

Mention has previously been made in these columns of the opportunity that is to be offered November 20 at Owensville, Ohio, in the combined dispersion of the herds of R. E. Head, Batavia, Ohio, and The Clermont Holstein Breeders Co., Bethel, Ohio. The latter herd made a splendid showing around the southern fair circuits this season being prominent in the winnings at the Ohio, West Virginia, Tennessee and Kentucky state fairs. This show herd in its entirety will be dispersed. Among the individuals of note that are to be sold will be a 36-lb. son of Colantha Johanna Champion, this being the highest record bull ever produced in the state of Wisconsin. Another bull Lord Segis Pontiac sired by King Pontiac Artis Canada, one of the great transmitting sons of King of the Pontiacs out of Countess Segis, a 31-lb. record daughter of King Segis. Another high class bull is Groveland Paul Beets Pontiac who was Grand Champion at Ohio, West Virginia and Tennessee State Fairs in 1918. Also a two-year-old 25-lb. son of Spring Farm Pontiac Cornucopia, the famous $15,000 son of the first 44-lb. cow, and the only son of a 44-lb. cow having a 30-lb. two-year-old daughter. Finally a three-year-old son of It from an A. R. O. daughter of King of the Pontiacs. These five splendid bulls, all to be sold, make a showing duplicated in few sales. There will be forty-five cows in the sale bred to these bulls. Among the individual cows worthy of mention will be found a 29-lb. cow of Emblagaard breeding, also Finderne Model Johanna, a 26-lb. cow who was Grand Champion cow at West Virginia and Kentucky State fairs this year.

Of the cows of milking age in the R. E. Head herd all have A. R. O. records with a single exception, and nine of them that made creditable semi-official records. The Clermont herd is practically all composed of A. R. O. cows or daughters and sons of A. R. O. cows. Mention is called again to the fact that all animals are tuberculin tested and will be sold with the sixty-day test privilege. Altogether it is a combination of proven individuality, production and breeding such as the breeding public have had few opportunities to buy at its own price.



First prize herd at Ohio State Fair—to be sold in Owensville, Ohio, sale, Nov. 20.

YOUR OPPORTUNITY

To Buy a Sire That Inside of the Next Two Years Will Rank as

One of the Great Living Sires

Because under our arrangements with Cole & Brooks, the greatest developers of forty-pound cows and world's champions the world has ever known, a large number of the daughters now owned by us of

KING CORNUCOPIA HENGERVELD SEGIS

No. 96393

Will be tested for records by Cole & Brooks, because we prize them so highly that we are going to retain them and breed them to

KING OF THE RAG APPLES

The Prince of his family and the coming bull.

AT THE

Tri-County Holstein Breeders' Association Sale

Dixon, Illinois, November 26 and 27

King Cornucopia Hengerveld Segis will be sold at auction. Bred in the purple, a splendid individual nearly white in color, already a proven sire. Right in every way. This is the opportunity of a life time to head your herd with a sire that will surely have some daughters with wonderful records in the next two years.
At the same time and place will sell a daughter by this great bull bred to

KING OF THE RAG APPLES

WOODLAWN HELENA BURKE PRINCESS, No. 418493.

The next time she freshens will be tested for you by

COLE & BROOKS

This great heifer's first six dams in the direct female line are all record cows, ending with Helena Burke, the foundation cow of the Burke family. With the splendid record that this heifer will surely make when tested by Cole & Brooks, her calf by King of the Rag Apples if a bull will be well enough bred to head any herd and if her calf is a heifer it should surely make a forty-pound cow or better.

For further information write

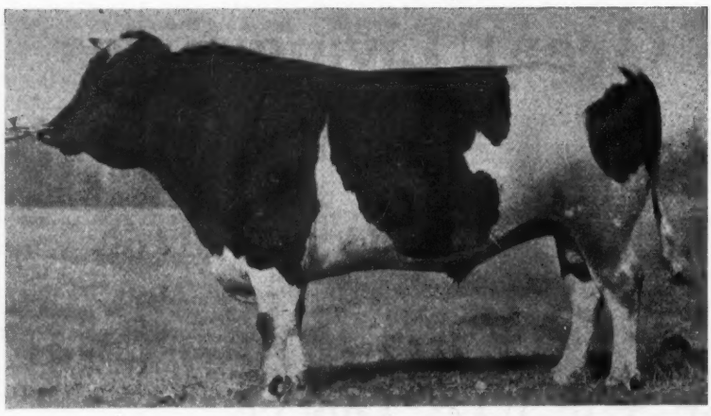
WOODLAWN FARM Sterling, Ill.

For Sale Catalog Write E. M. DETWEILER, Polo, Ill.

Everybody Wants Them

BECAUSE THEY'RE PRODUCERS

The Long Distance Sort



PIETERTJE HENGERVELD SIR KORNDYKE

The Only Sire in the World with Five 18,000-lb. 2-year-old Daughters

His sons are all sold and we have no bulls of serviceable age. We can offer five young bulls from one month to five months of age, sired by K. P. B. A. FEDORA KING, he by a son of King of the Pontiacs from NOVELTY FEDORA HENGERVELD, a daughter of Pietertje Hengerveld Sir Korndyke, with a record of 29.38 pounds of butter in 7 days and 1022 pounds of butter in a year.

The dams are all sired by Lothian King De Kol Korndyke, a son of Pietertje Hengerveld Sir Korndyke and Lothian Maggie De Kol, that held the world's record for two successive years for both milk and butter by her production of 2258 pounds butter from 52,058 pounds milk. The second dams are by a son of King Segis and the third dams are by the great Aaggie 3d's Wayne Paul De Kol.

Two especially choice ones are grandsons of Pietertje Hengerveld Sir Korndyke from three-year-old heifers that have made up to 23.58 lbs. in seven days and 983 lbs. butter in a year.

Two of the calves are evenly marked and the others are dark. They are choicely bred and will be sold very reasonable if taken IMMEDIATELY.

Lothian-Riverode Stock Farm

Alexander Watt NOVELTY, OHIO L. M. Williams

NEBRASKA DAIRY JUDGING TEAM WINS HIGHEST HONORS

The University of Nebraska Dairy Judging Team recently carried off first honors at the National Dairy Show at Columbus, Ohio. The team received awards as follows: two sweepstakes trophies offered by the National Dairy Show and Hoard's Dairyman; trophy offered by the Aryshire Breeders' Association for judging Ayrshires; two $400.00 scholarships for the highest standing team in the contest; gold medal for the highest individual record; gold medal for the second highest individual record.

The team was composed of Carl Powell of Alliance, Nebraska, M. N.

Lawritson of McCook, and D. W. Spencer of Alliance. Powell is a sophomore, Lawritson a senior and Spencer a junior in the College of Agriculture. Lawritson won gold medal for highest standing, and Powell a gold medal for second highest individual record.

Prof. J. H. Frandsen, head of the Dairy Department highly praises the team for the record. "The boys worked hard and faithfully that this honor might come to the University," he said. "Much credit is due them, as well as Mr. Eli Duncombe, who worked very hard to get the boys ready for the contest."

OUR SENIOR SIRE

JUDGE SEGIS—29 A. R. O. Daughters

Up to 37 lb.

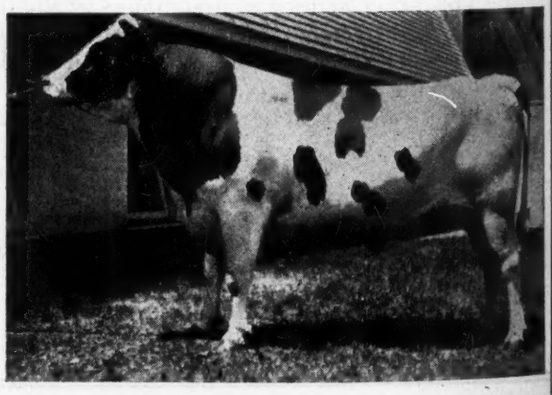
Twenty-four of his daughters sold in public sale for an average of $875.

One of the Very Best Sons of King Segis

At Hollywood he will have an opportunity in keeping with his remarkable ability.

His sons are making good, too. One of them is now the sire of a 24-lb. 2-year-old daughter.

It is a son of JUDGE SEGIS you want to put TYPE—INDIVIDUALITY—PRODUCTION into your herd.



Hollywood Farm **Hollywood, Wash.**

Now that the War Is Nearly Over, Is the Time to Get In Line for Foreign Trade

THE HUDSON VALLEY HOLSTEIN COMPANY

Will Hold Its

3d SEMI-ANNUAL CONSIGNMENT SALE

NOVEMBER 27, 1918

At Their Sales Pavilion, First Avenue, Mechanicville, N. Y.

100 — REGISTERED HOLSTEINS — 100

Daughters and Granddaughters of King Pontiac, King Segis, Rag Apple Korndyke and other well known sires.

Fresh cows, cows due to freshen, and a large number of splendid calves and yearlings. Positively all sold.

Address all inquiries and requests for catalogs to

R. A. DAVIS, Sales Manager **Ballston, N. Y.**

FRANK BEECHER, Auctioneer **MR. BACKUS in box**

DAISY HILL KORNDYKE KING 236759

Born April 17, 1918

Sire: **Maplecrest Pontiac Burton,** a son of Pontiac Aaggie Korndyke and Lady of Burton De Kol.

Dam: **Pauline Brightview** a granddaughter of Mutual Pietertje Paul with these records:

Butter	28.35
Milk	582.10
Butter	108.62
Milk	2362.60

Pauline Brightview, one of the greatest cows in the Daisy Hill herd, is now on year test, strictly official, and in 192 days has produced 641 lb. butter and 15266 lb. milk. She should make close to 1200-lb. for the year. She is the dam of our herd sire, King of the Pontiacs Son therefore you may judge our opinion of her.
This youngster is about evenly and very nicely marked.
Photo and pedigree on application.

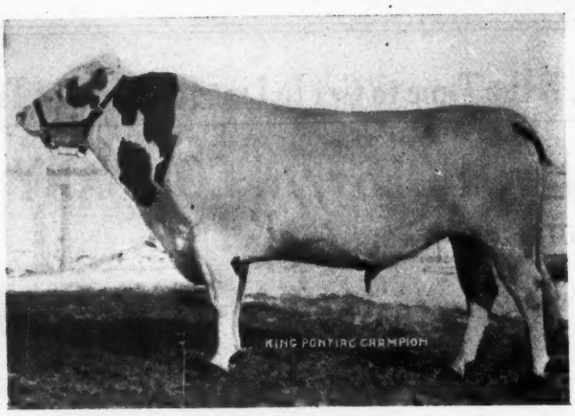
DAISY HILL FARMS

JAS. A. REYNOLDS

Chagrin Falls **Ohio**

UNCLE SAM INSPECTS OUR HEALTH

EVERY ONE A DAISY



KING PONTIAC CHAMPION

Pabst Pontiac Hengerveld

A Son of These Perfect Animals
Heads the Herd at

LISLE FARMS

Dept. W. H. C. Barker, Herd Mgr.

LISLE, ILLINOIS

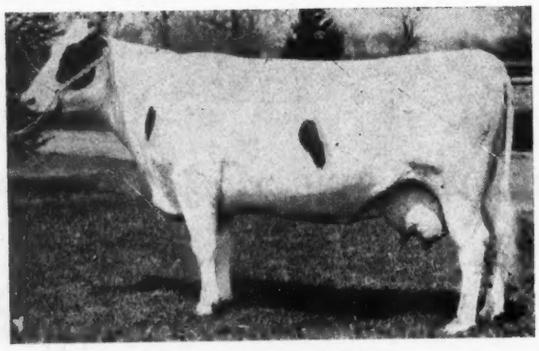
Home of

Het Loo Pietertje

World Champion 2-Year-Old

Write today for bull sale list.

(Are you interested in a bull calf from a dam 19650 lb. milk, 785 lb. butter.)



PABST HENGERVELD COLANTHUS 31.51 LB.

FOREIGN FOOD ORDERS AFFECTING PRODUCERS

The effect of war on agriculture abroad may be judged from the following food regulations applying particularly to producers.

Beginning Sept. 15, maximum retail prices for milk and milk products were established throughout France. The maximum producer's price of fresh milk is 6 cents a quart. In Switzerland, trading in cereal seeds is permitted only between producers of the same community. Sales outside the community may not be made except to firms authorized to deal in seeds.

An Italian food order required holders of preserved eggs on August 25 to make a declaration of such holdings before the end of the month. The order applied to "eggs of poultry preserved in lime, or in cold storage, or by any other system."

Norway has established fixed rations of hay for live stock until November 30, 1918. The daily amount ranged from 2.2 pounds for small cattle to 17½ pounds for horses.

Under a British order effective September 21, "No apples can be used for the manufacture of cider except when sold under a license."

The guaranteed price of wheat in Australia is 95 cents a bushel for the 1918-1919 crop, f. o. b., and $1.03 for the 1919-1920 crop.

FOR SALE

Heifer calf born October 25th, sire a son of King Segis Hengerveld whose three nearest dams, two of them under full age, have records that average 28.83 lbs. in 7 days. Dam of calf is a cow weighing 1600 and has a record at four years of 23.86 lbs. and is a sister to a four-year-old with 27 lbs. of butter and 610 lbs. of milk.

H. G. VAIL

Damascus Pa.

A Son of

KING OF THE PONTIACS

FOR SALE

The sons of King of the Pontiacs are growing fewer in numbers each day, and the man that gets one of his young sons will be at the top for the next few years. We have a very choice youngster born in March of the present year.

His dam is by the great Johanna King Segis, recently purchased by Winterthur Farms. She has a record of better than 27-lb. and her sire is by a son of the great King Segis from Johanna De Kol Van Beers, the second 40-lb. cow of the breed.

It is almost impossible to get the blood of King of the Pontiacs in combination with that of one of the great 40-lb. cows and this opportunity to secure that very combination should not be overlooked.

Write us today.

G. G. BURLINGAME Cazenovia, N. Y. **D. N. HARTT**

WHY

Pleasant Hill Herd Is Still in the Lead
Pleasant Hill Herd Is the Place From Which to Buy Your Next Herd Sire.

Because—

Although our herd is comparatively small, we rank FIFTH as breeders of Association prize winners for milk and butter appearing 27 times in the list. No other herd of equal size can approach this showing.

Because—

It is the home of two of the greatest sires of the breed—

SIR VEEMAN HENGERVELD—our senior sire—is world famous. Hale and hearty at the age of 14 years he is one of the two living century sires. He has sixteen 30-lb. daughters, more than any other living sire. He has three daughters with over 23,000 lb. milk in a year and over 1000-lb. butter. His granddaughters do equally as well, a number making over 30 lb.

KING KORNDYKE SADIE VALE—our junior sire—regarded as the greatest sire of his generation. His daughters, still heifers, are making wonderful milk and butter records. One, K. K. S. V. Topsy made over 40-lb. as a three-year-old. He also has two 30-lb. 3-year-old daughters and two 30-lb. four-year-old daughters. The youngest 29-lb. heifer is also one of his daughters. His dam and both grandams were former world champions.

A few fine young bulls from these herd sires to offer.

W. D. ROBENS **POLAND, N. Y.**

OUR CONSIGNMENT to the
MOYER SALE
TO BE HELD AT
EARLVILLE, DEC. 17, 18 & 19

The first we would mention is the great bred cow, LOTTIE WALKER COLANTHA, a 28½-lb. daughter of the old cow, LOTTIE WALKER SPOFFORD, THE 4 TIMES 30-LB. COW AND ONCE OVER 29 LB. This young cow is a daughter of KING COLANTHA CLOTHILDE a son of the great COLANTHA JOHANNA LAD and ABBY HARTOG CLOTHILDE, the foundation cow of THE YOUNGEST FAMILY HAVING 3 GENERATIONS OF 30-LB. COWS.

This great bred cow is due Feb. 8th and is in calf to the great young bull, KING ECHO SYLVIA MODEL, whose 7 nearest dams average 34.66 lb., and having in his pedigree all the animals which appear in the pedigree of the great $106,000.00 bull with the exception of his sire. Several of the very best animals in that pedigree are doubled up in the pedigree of our young bull, like Hengerveld De Kol, Pontiac Korndyke and King of the Pontiacs. This young cow, if properly handled, ought to far exceed the 30-lb. mark at next freshening.

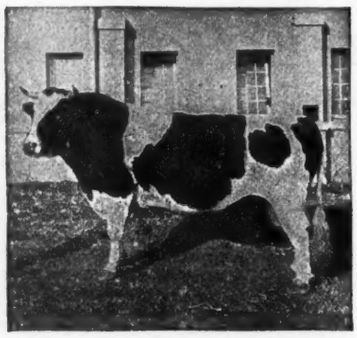
The next we would mention are two well bred heifers, both in calf to this young sire

Two more are young daughters of Judge Lyons, one of which is from a 20-lb. 2-year-old daughter of KING OF THE BLACK AND WHITES.

One of our greatest offerings is a son of Judge Lyons, from a 22½-lb. daughter of KING OF THE BLACK AND WHITES. The 13 nearest dams of this youngster average 31.25 lb., and 30 dams in his pedigree average 29.20 lb. This youngster is a rare individual and his dam is one of the best young cows in our herd and will surely be heard from in the future.

A. A. HARTSHORN HOL. CO.
HAMILTON, N. Y.

SIR
JOHANNA
FAYNE
42147



The only bull living with four daughters with records above 23,000 pounds milk in a year or seven above 20,000.

Never mind the 7-day forced record. It is the normal production during the other 358 days that determines a cow's ability.

IOWANA FARMS, Davenport, Iowa

PONTIAC KORNDYKE

has been coming some. No other bull ever duplicated his present year's work, with two daughters above 42 lbs. and four daughters averaging 41.57 lbs.

ONE OF HIS BEST SONS

heads our herd. His name is PRINCE KORNDYKE PONTIAC, and his dam is Pontiac Korndyke Maid, a 33-lb. daughter of Pontiac Korndyke.

BARGAINS IN HIS SONS are now offered, from good record, strongly bred dams.

One from a 26-lb. Daughter of King Segis
SOME COMBINATION

Other young bulls by King Hengerveld Pietje, a son of Prince Hengerveld Pietje and Woodcrest Dora De Kol (35.89 lbs.), from dams up to over 25 lbs. as junior two-year-olds. Some from daughters of King of the Pontiacs and Rag Apple Korndyke 8th.

This quality will move quick. Address

HUGH J. DAVIS

Maple Ridge Herd Broadalbin, N. Y.

TREATMENT OF ABORTERS IN DAIRY HERDS

This Disease The Most Common Cause of Sterility

Common methods of treating aborters is dealt with in a recent circular from the New Hampshire Experiment Station as follows:

"When a cow aborts, the afterbirth usually clings tightly to the cotyledons in the womb and should be carefully removed from them. Previous to this secure a douche can and smooth non-collapsible rubber tube (preferably a horse stomach tube) about ¾ inch in diameter. A douche may be made by attaching a faucet to the side of a pail near the bottom or to the bottom of the pail. The rubber tubing should be attached to the faucet. The pail may be raised to the desired height by means of a rope and pulley fastened to the ceiling. The cow's genitals should be rinsed off with an antiseptic solution (such as lysol or compound cresol solution) and then the hose should be inserted into the birth canal and down into the womb. About a gallon of the solution may be allowed to run into the cavity.

"Daily irrigations of the womb and vagina should be kept up for a week or ten days, when the cow should be syringed two or three times a week for another week or two. When properly treated, the discharge usually stops in two or three weeks, but the cow should be syringed once weekly until she is bred. She should not be bred for three months after abortion, as it takes about ten weeks to properly treat an aborter. Neglect in properly cleaning a cow is apt to result in sterility, or at least it will be very difficult to get her in calf. Cows bred before the discharge has stopped are not likely to "catch," and, if they do conceive, abortion is apt to reoccur in a short time.

Disinfecting the Bull

"To prevent the bull from carrying infection, the sheath should be disinfected before and after each service with about a quart of a 2 per cent solution of lysol or creolin. This may be done with a douche can, injection pump, or a large syringe. The rubber tube or nozzle of the syringe should be inserted into the end of the sheath, which should be held firmly to the nozzle or rubber tube so that the disinfectant may be forced up into the

(Continued on page 80.)

SPRING FARM PONTIAC CORNUCOPIA Now Heads **Wellsland Farm Herd**

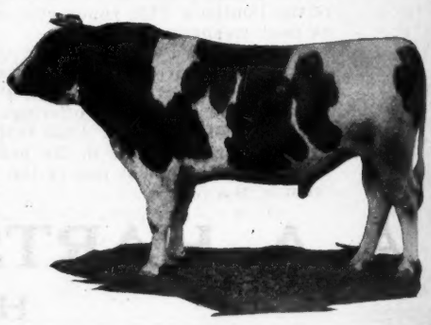
"The only bull with a 40-lb. dam and a 30-lb. 2-year-old daughter."

I have recently purchased this bull to head my herd. He is better known as the $15,000 son of K. P. Pontiac Lass, the first 44-lb. cow of the breed and as the sire of a number of the greatest bred young bulls of the breed.

Since January 1st, two of his daughters have crossed the 30-lb. mark, one as a two-year-old and the other as a three-year-old, while a number of others are making right around 20 lbs. as two-year-olds. He now has 28 A. R. O. daughters, which list, because of his almost unparalleled opportunity, will be materially increased within a very short time.

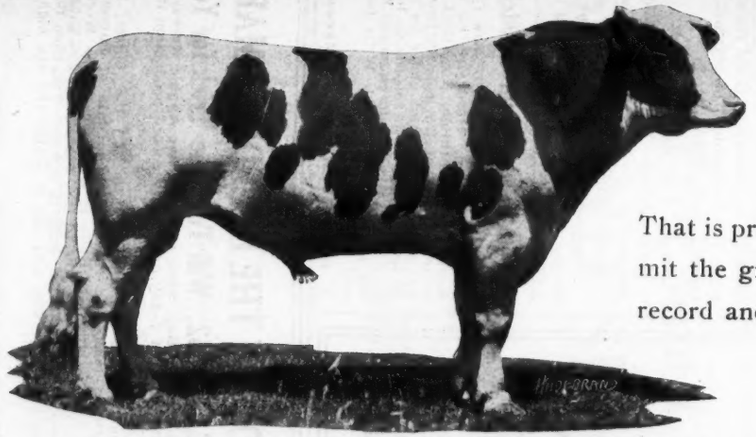
This great sire will stand at the head of my herd and a few outside services can be booked, for this year at least.

Individually, Spring Farm Pontiac Cornucopia is one of the finest bulls of the breed.



N. W. SALMON Glenfield, N. Y.

The Bull Without a Doubt

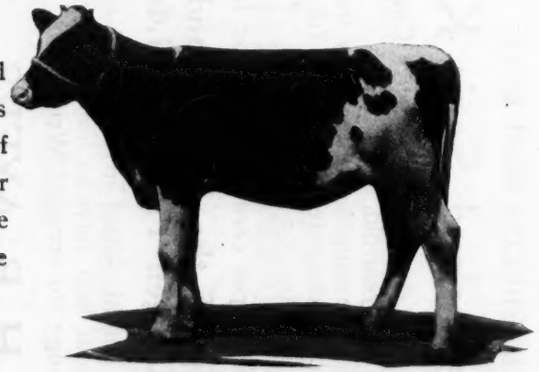


King Pontiac Hengerveld Fayne
The Sire

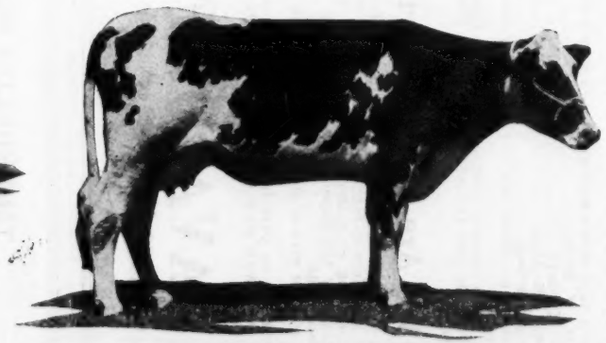
That is producing his great individuality in his offspring, is sure to transmit the great producing qualities which he has inherited from his high record ancestors.

This is not a guess when a sire can produce a calf like this from a dam like this.

This is the kind of a bull to breed to if you want results such as shown here. There are a lot of good high record cows, that their offspring should bring a lot more money, but don't. Why, because they lack individuality.



The Calf



The Dam

Belvidere **PEQUEST FARMS** **New Jersey**

The Home of

Maplecrest Avalon, No. 203845

His dam's dam, sire's dam and sire's dam's dam average:

Butter 7 days	31.25 pounds
Milk 365 days	24,139.0 pounds
Butter 365 days	1228.0 pounds
Fat percentage	4.09 for the year

We know of no other bull in the country who can approach the above averages.

He has three crosses of Pontiac Aaggie Korndyke and two of Friend Hengerveld De Kol Butter Boy, the two greatest long distance sires of the breed.

We Are Specializing in Yearly Work

We are trying to make good seven-day records from a large amount of milk, and therefore a fairly normal per cent of fat.

We are aiming at a large per cent of fat in yearly work.

We are under the supervision of the U. S. Bureau of Animal Industry for tuberculosis.

We propose to give a clean bill of health in every way for every animal we sell.

We can spare no pure bred females at the present time, but invite inquiries for bulls with good backing at moderate prices.

AVALON FARMS

E. D. CURTIS, Owner Bantam, Conn.

THE BREED'S BEST BULL

King Netherland Segis Konigen

HE is a son of the Present World's Champion junior four-year-old, 43.59 lbs.

HIS DAM is the daughter of the Only Bull having a 43-lb. daughter and a 40-lb. full sister.

HIS SIRE is a son of a 40-lb. cow.

He Gets 50 per cent of His Blood from

King of the Pontiacs and Diona Konigen Pietertje, 37.44 lbs.

YOU can get his blood in your herd only by breeding your best cows to him. Had you not better arrange for service? Write

H. B. AYERS

7130 Meade Street Pittsburgh, Pa

(Continued from page 78.)

sheath. Some bulls object to this procedure and must be securely tied so they cannot step from side to side or kick at the operator. Care should be used to insert the tube or nozzle gently so as not to irritate the bull. The long tuft of hair at the opening of the sheath should be clipped and disinfected. When it is possible to do so, a separate, clean bull should be used for heifers and clean cows.

"Various agents and means have been recommended from time to time as specifics for the treatment of abortion. For preventing abortion that is imminent no drug seems to be of any avail. As a cure for abortion, carbolic acid has been recommended for fifty years, to be given both subcutaneously and in the feed. However, this remedy has been given up as unsatisfactory by many who have tried it. Recently methylene blue has been hailed as the specific cure, but in many herds where it has been tried it has been discontinued because it was found ineffective. There seems to be no evidence that methylene blue or carbolic acid reaches the uterus where the infection is operating.

"Some dairymen practice selling aborting cows, thinking thereby they can rid their herds of the disease. The fallacy of this reasoning is shown by the fact that new cows and heifers taken into the herd will abort. If a cow is not a good producer and becomes unprofitable after aborting, she should be sold for economic reasons, not as a dairy animal, but to be slaughtered. The practice of selling aborting cows for breeding purposes, thereby spreading the disease, is to be vigorously condemned. Good cows which have aborted should be retained, treated and again bred."

Ham Actor—'Tis bitter cold without.

Boob—Without what?

Porcine Protean—Those undergarments. —Pittsburg Leader.

Fairlawn Farm Holsteins

Have size combined with show type and good production. Herd sire, Sir Ormsby Korndyke Mechthilde, No. 115312. Brother to the sire of Duchess Skylark Ormsby. Bulls 10 mo. and under for sale out of tested dams with records up to 19 lbs. at 2 years. Also junior champion bull at 3 big shows, 2 years old. Write for prices and pedigree.

J. H. CLEVERLEY Maxwell, Iowa

DO YOU NEED A HERD SIRE TO PUT YOU ON THE BREEDERS' MAP?

A Son of MAPLECREST APPLICATION PONTIAC, 132652, Will Turn the Trick for You

CLUNY STOCK FARM · HOLSTEINS · Quality Production Health

He is a son of **Friend Hengerveld De Kol Butter Boy**, who, with **Pontiac Aaggie Korndyke**, sire of his dam, represent the wonderful combination of 7-day and yearly record production that has made **Maplecrest Farms** famous.

The 7-day record of Maplecrest Pontiac Application, his dam, is 35.1 lbs. butter; her yearly record is 1,344.3 lbs. butter. Her dam is Banostine Belle, also the dam of Banostine Belle De Kol, with 1,332.9 lbs. butter in a year. Banostine Belle is the dam of the World's Highest Record Sisters for yearly production, being the only cow in the world with two daughters with records averaging over 1300 lbs. butter and 25,000 lbs. milk in a year. The Blue Book shows Maplecrest Application Pontiac's dam to be the 6th, and his ¾ sister the 8th highest yearly record Holsteins.

Transmitting Ability in the Highest Degree shows everywhere in his Pedigree.

A son of his from one of our Big, Healthy Heavy Milking A. R. O. cows **Will Turn the Trick for You.**

Come and see, or write for photo and pedigree. Priced right. Herd under strict Federal Supervision.

R. BRUCE McPHERSON Howell, Mich.

The Watertown Holstein Sales Co. Sale—Nov. 21 and 22

We told you last week of our

140 Head of Superb Registered Holsteins

We tried to emphasize the fact that we have practically a **milch cow sale**—100 of them—records up to 30 lb., mostly fall milkers.

As to their individuality—we had everything inspected and insisted on animals that were correct in this regard.

Our herds are all tuberculin tested; everything over six months will be tested.

We have heifers whose dams have records up to 31 lb.; we have 15 yearling bulls with records up to 30 lb.

We have always aimed to satisfy our patrons and the quality of the cattle we offer this fall makes it easier than ever for us to realize this ambition. Write for catalogs to

FRANCIS DARCEY, Sec'y **Watertown, Wis.**

Tri-County Holstein Breeders'
SECOND SEMI-ANNUAL SALE

150 Pure Bred Registered Holsteins

Sale to be held at Dixon, Illinois

NOVEMBER 26 and 27, 1918

125 head of choicely bred females and 25 bulls from great sires and good record dams.

Consignors are:

Bert Irvin, Mt. Carrol.
Dr. C. E. Powell, Polo.
E. M. Detweiler, Polo.
Daniel Gilbert, Polo.
Geo. D. Brown, Polo.
Woodlawn Farms Co., Sterling.
Sinissippi Farms Co., Oregon.
C. R. Hey, Dixon.
J. C. Wadsworth, Dixon.
Ed. Miller, Dixon.
John Hemmer, Dixon.
C. B. Swartz, Dixon.
Green & Vaughn, Amboy.
Clark & Rhodes, Dixon.

PERRY & HAEGER, Auctioneers **M. E. WILGER, Clerk**

S T WOOD, Sale Director

For Catalogue Address—

E. M. DETWEILER, Pres. and Sales Manager

DODGE FARM
WASHINGTON, CONNECTICUT

One Swallow does not make a Summer
Nor performance in one generation prove the worth of a Holstein bull or cow.

Breed for the Future

From Long Distance Stock

Proved for Several Generations on Each Side

We have the combination in

Two Tested Long Distance Families

of Three Generations Each.

Line bred to

The Best Dairy Bull in New England

This is a cross that means
Fame to the Breed as Dairy Animals.

— GET IN LINE —

Send for a Pedigree "that's different."

THE OTHER SIDE OF IT

In many words men praise us,
In columns and columns of space,
They tell of our merits and records,
And where we stand in the race.
Now I, a meek Holstein heifer,
As I chew my cud in the shade,
Think it only a fair proposition
Some remarks about man be made.

For man's a peculiar creature
With habits exceedingly queer,
Some shut themselves up in cities
Ignoring the country's free cheer.
Some move with speeding swiftness,
While others can only poke,
It puzzles me completely
Why they all so like to smoke.

For men, as well as cattle
Must pass an acid test,
I'll tell you the qualifications
Of the man I like the best.
He has a sense of humor
And a twinkle in his eye,
All saloons and brewery drinks
He passes nobly by.

He feeds me an alfalfa
And best grain to be had,
He talks to me in kindly tones
That make a maid's heart glad.
He treats me like a comrade,
Not just because he must,
He's more to me than keeper
He's a friend that I can trust.

Sometimes I hear him talking
About the world's big fight,
And lads in blue and khaki
Who put the Hun to flight.
He says for kings and autocrats
He'll not raise any ham,
He'll do and give his utmost
For a gent called Uncle Sam.

Although I'm but a heifer
I'll help him out on that
I fill the pail brimful of milk
All rich with butter fat.
And when he sells that output
To the factory by the pond,
The check he gets is large enough
To buy a Liberty Bond.

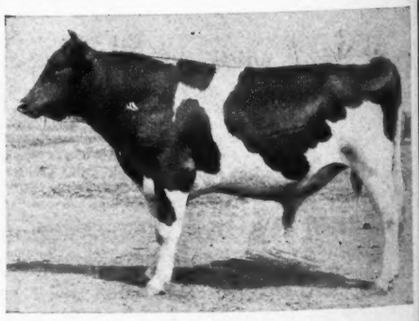
Some maids prefer the dressed up chap
Who sports about the town,
Others look for money
Or seek for wide renown,
But I've a different choice to make
I'll tell it to you now,
The man who takes my fancy
Is the one who likes his cow.

Signed by author
Miss Walcowis Pontiac Netherland.

75 PER CENT. OF THE BLOOD OF SIR PIETERTJE ORMSBY MERCEDES 37th

We offer one of his best sons born February, 1918. The calf is light in color and from one of the good daughters of Sir Pietertje Ormsby Mercedes 37th. The second dam is Princess Colantha Jewel 3d, with 22.26-lb. in 7 days and 732.80 lb. butter from 15,701 lb. milk in a year. She is the dam of three A. R. O. daughters. The third dam has a record of 25.04 lb. butter in 7 days and 865.67 lb. butter in a year and is the dam of 5 A. R. O. daughters. This is a very choice calf and backed by the highest kind of breeding.

REMEMBER—We can sell a few very high class cows and heifers that are either daughters of or in calf to Sir Pietertje Ormsby Mercedes 37th. These are not cheap animals or culls. We need the room is the only reason for selling.



LONE PINE STOCK FARM **JOHN ERICKSON, Waupaca, Wis.**

"PONTIAC"

"WHERE THE CHAMPIONS COME FROM"

Notwithstanding the fact this name has been a household word for many, many years, it is doubtful if breeders generally recognize, up to this time, the importance it has had in the upbuilding of the breed and the close relationship it bears with the ancestry of nearly every past, present and, without question, future champion.

It has become universally known as the prefix of production. Wherever you find a "Pontiac" you invariably find a great producer, if not a world's champion in her class.

Hengerveld De Kol and Pontiac Korndyke received their life start in this herd. Their descendants through both the male and female lines have perpetuated their good qualities and have established them more solidly with us than can be found in any other herd in the world. It is the descendants of these two marvelous sires that today entirely make up the herd. No other herd in the world can guarantee to you so much of the blood of these two great animals, through succeeding generations.

The bulls we are selling today are proving the superiority of these many infusions of the "Pontiac" blood. They are going out and siring the same sort of great, big, strong, heavy-producing cows—the profitable kind, so characteristic of the line they represent.

The fact the name has lived so long is simply a case of **"Survival of the Fittest."**

"Pontiac" is still in a position to supply the same quality of sires it has supplied for the past 25 years.

PONTIAC STATE HOSPITAL

E. H. HALSEY, Steward **PONTIAC, MICHIGAN**

A Name That's Known the World Around

ALLAMUCHY K. A. PERFECTION

Is Consigned to the

"FRESH COW SALE"

To be held at the

LIVERPOOL SALE PAVILION

November 20-21, 1918

DAM—Eva May Ellis 5th.....31.41 lbs. Butter in 7 Days

unequaled by any other first calf two-year-old in United States.

SIRE—Korndyke Abbekerk has several 30-lb. daughters including the great heifer Allamuchy Korndyke Rose, who made 30.60 lbs. in 7 days at 2 yrs. 6 mos.

Never before in the history of sales has a service bull been offered from a 31-lb. two-year-old heifer, having a 30-lb. sister, and the great show bull Paul Calamo Korndyke is his brother.

Just imagine, fellow breeders, what kind of a heifer it takes to make 31.41 lbs. butter at first calving. Therefore those who desire something on a par with the best should come to this sale determined to be the highest bidder.

GEO. WINTER & SON Chateaugay, N. Y.

WISCONSIN CHAMPIONS

Bred and Developed at

HILLSIDE STOCK FARM

Caroline Paul Parthenea, 9 yr.

30-day champion over all ages, 142.39. Former world's champion for two years' work.

Piebe Pontiac De Kol 3d, 4 yr. 5 mo.

Champion 8 months after calving, 15.49 lbs. Champion S. O. yearly, 907.06

Johanna Piebe White, 2 yr. 4 mo.

Champion 8 mo. after calving, 16.55. Champion S. O. yearly, 904.35.

Five State Champions All Bred and Developed Here

We can offer young bulls bred in the most popular lines, backed by state champion and world's champion producers and GENERATIONS OF LONG-DISTANCE WORK at prices that will attract you.

For pedigrees, etc., address

R. J. SCHAEFER

Hillside Stock Farm **Appleton, Wis.**

OUR NEW HERD SIRE

King Korndyke Daisy Hengerveld

He is a son of King Korndyke Sadie Vale and his dam is S. V. H. Daisy, a 30.48-lb. daughter of Sir Veeman Hengerveld.

We have a few good cows bred to him for sale and will have some of his sons for sale this fall and winter. Will be glad to tell you just what we have to offer and our guarantee is back of every animal we sell. They must be just as we represent them.

FLOCK BREWING CO.

Williamsport, Pa.

EAT LESS

Eat less at Thanksgiving! What heresy to old-fashioned ideas! However, the war has changed many things. Among them are ideas of what is hospitable and necessary. We have learned the military importance of food, and realize that the whole civilized world depends upon us for sustenance.

So this year during the week preceding Thanksgiving, the merchants of the United States will display in their windows, posters designed to impress upon the passerby the necessity to eat less.

The Food Administration through its State Merchant Representatives, is calling upon them to make the week of Thanksgiving, one for special insistence upon food conservation. The merchants have promised their co-operation and a response of very nearly 100 per cent in window display is expected.

In line with the new conservation policy of the Food Administration, there will be no general demand to conserve on any particular article of food. The campaign to save nearly 18 million tons of food for our fighters and for the Allies, does not admit such quibbling about what to save. We must EAT LESS—eat less of everything.

Wanted

Two cars alfalfa. Must be first grade and second cutting preferred. Price to be delivered at Westerly, R. I.

H. B. AYERS

7128 Mead St.

Pittsburg **Pa.**

"A Son of a Cracking Good Cow"

That's the best way to describe this youngster born April 28th, 1918, that we are offering for the nominal sum of $250.

He is sired by King Sadie Vale Hengerveld whose two nearest dams average 39.22-lb. butter from almost 600-lb. milk, one as a senior 3-yr-old. King Sadie Vale Hengerveld is by King Korndyke Sadie Vale from the highest record daughter of Sir Veeman Hengerveld.

The dam of this calf is just one of the best cows in our herd. As a 4-yr-old she made 19.06-lb. butter from 431.7-lb. milk and is by the great bull Aaggie Cornucopia Johanna Lad 8th a 30-lb. son of Aaggie Cornucopia Johanna Lad. The second dam is a 20.35-lb. daughter of Pontiac Boreas.

At $250 You Cannot Beat This Fellow.

LEVELACRES HERD **Utica, N. Y.**

LINN KINNE, Owner

YMCA

YWCA

Over there Over here

THROUGH mud and rain, through gas and shrapnel, our boys are pushing on to Victory. It's a task that tries the souls of strong men. They *must* have rest and recreation.

At the canteens, they buy the little comforts of life at cost. In the war-service huts, they find everything needful to write the letters you receive. They attend a show, see a "movie" or hear good music—all free. Always, they find in the hut secretary a friend. They forget for a little while the grim scenes of war and return to duty refreshed. These are some of the things that keep fighting men at top notch.

YOURS is the task of growing the food these fighting men must have. The toiling millions in the munition factories, arsenals and shipyards also look to you for sustenance. And they do not look in vain.

Your work is vital to winning the war and you are doing it manfully, mindful of Country, forgetful of self. You are working early and late, putting forth your strength unsparingly. You have produced bounteous crops that feed a hungry world. Yet to you are spared the comforts of home and the presence of loved ones. Yours are the privileges of earning and giving.

Give to "keep good men good and brave men strong." Give to bring cheer to those who are daring their all for you and yours. And when the boys come home victorious, you can honestly say, "I have done my part, too. I have backed you to the limit."

Seven allied activities, all endorsed by the Government, are combined in the United War Work Campaign, with the budgets distributed as follows: Y. M. C. A., $100,000,000; *Y. W. C. A.,* $15,000,000; *National Catholic War Council (including work of the Knights of Columbus and special war activities for women),* $30,000,000; *Jewish Welfare Board,* $3,500,000; *American Library Association,* $3,500,000; *War Camp Community Service,* $15,000,000; *Salvation Army,* $3,500,000.

Contributed through Division of Advertising

ADVERTISING TO VICTORY

United States Gov't Comm. on Public Information

This space contributed for the Winning of the War by

The Holstein-Friesian World

Buyers Opportunities

Here are big opportunities done up in small packages. The Sales Market of unlimited choice. Advertising in this department is accepted at regular rates and subject only to minor restrictions regarding style and typography.

NEAR WHITE BULL CALF $275

Born in April. Will soon be ready for light service. Exceptionally well grown (all our calves are) long bodied, straight, a nice handler—about nine-tenths white; a member of our this season's show herd. Sire a good young son of the noted King Segis Champion, who is a 34-lb. grandson of the only King Segis. Dam of calf is a splendid large heifer with a near 19-lb. mark at 3 years as a "fill in" in test. This record will be materially increased next spring. Second dam a 27-lb. cow. Tuberculin tested, f. o. b. here $275.

For those really interested a five generation pedigree, pictures and full details.

BROADHURST HOLSTEIN FARM
Morrisville, N. Y.
(which is in Madison County)

Sold Out of Bulls

More Coming, Though

Poplar Hollow Stock Farm

Bertram D. Scott, Prop.
Sta. F. Minneapolis, Minn.

L. E. CONNELL

REGISTERED HOLSTEINS
ALWAYS FOR SALE

write me your wants before placing your order elsewhere.

FAYETTE, OHIO

A Family Group Offered

One 24-lb. cow, three daughters and three granddaughters; one 27-lb. cow, a daughter with a 14-lb. two-year-old record, and two granddaughters. Another with a 17-lb. 2-year-old record and two of her daughters. All are good individuals, straight and right in every way.

E. W. ANDERS
R. F. D. No. 2 Norristown, Pa.

BULL CALVES

FOR QUICK SALE—A few choice young bull calves from a grandson of Hengerveld De Kol and from tested dams. Price $50 to $75.

Chenango Farms Hamilton, N. Y.

OUR PEDIGREE EXPERT

R. Austin Backus, has already booked a large number of sales for the coming sale season, as pedigree man in the box he knows Holsteins from A to Z and cannot fail to give you satisfaction.

Give him a trial—for further particulars, address

Backus Bros. Pedigree Co.
Mexico, N. Y.

Are You Watching

the sons and daughters of the great producing cow

Diona Konigen Pietertje

Her record	37.44
Her daughter's record	40.153
Another daughter at 4 yrs.	35.935
Another daughter at 3 yrs.	27.09
Her son's daughter at 4 yr.	43.52

4 daughters above 30 lbs.

I am offering some beautiful sons of King Champion, another of Diona's sons at reasonable prices. Write just what you want.

DON J. WOOD
West Winfield N. Y.

POSITION WANTED

By a

Thoroughly proficient, General Farm and Private Estate Manager of proven ability and exceptional record.

Present position includes successful management of one of the most extensive and prominent private estates in the east.

Well qualified in construction, improvements, reclamation of soil and animals. Specialized with Holsteins.

WILLARD BEST, Claverack, N. Y.

Bull Born December 18, 1916

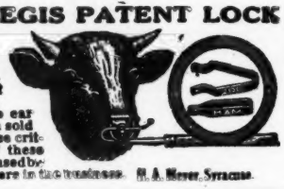
Sire, CHANGELING BUTTER BOY (90 A. R. O. daughters). Dam, NETHERLAND ABBEKERK, a 22-lb. daughter of Tidy Abbekerk Prince. This calf has 75 per cent the same breeding as Changeling Tidy Abbekerk Wayne, 44.43 lbs. butter in 7 days with three-fourths udder. He is nearly all white, well grown, a splendid individual and ready for heavy service. For price and pedigree write

F. A. BLEWER Maplevale Farms
Owego, N. Y.

A 30-lb. Alcartra Bull—For immediate sale we offer a son of King Alcartra Butter Boy, 165964, who was by the $50,000 bull, and from the wonderful 32-lb. 4-yr-old Barbara Pietertje Butter Boy. Dam—Pauline De Kol Queen Hengerveld, 95236, (28.2 lb. butter, 565.1 lb. milk in 7 days; 118.77 lb. butter, 2416.8 lb. milk in 30 days.) This means a 30-lb. average. Born October 30, 1917—dark in color, and a faultless individual ready for service. Price $300.00. This kind goes quick. Address

H. H. Jones Cazenovia, New York

KING SEGIS PATENT LOCK



Ear Tags. Bull Staff and Rings. Description and prices sent on application. 300,000 of these ear tags have been sold without adverse criticism. 500 of these BullStaffs areusedby the best breeders in the business. H. A. Meyer, Syracuse.

Heifer Calf

Dam: butter 7 days 25.13 lbs., milk 500 lbs. She has a 31-lb. 7-8 sister that we sold at the Detroit sale 1916 for $1,550. Sire's dam: butter 7 days 31.30 lbs. She has a 30-lb. dam and a 31-lb. junior four-year-old daughter, making her the connecting link of three generations of 30-pound cows.

Born July 24, 1918. Mostly white, a beauty in every respect. $200 delivered, safe arrival guaranteed anywhere. Write for pedigree and photo.

HOBART W. FAY
"Quality First"
Mason Michigan

RIVERSIDE STOCK FARM

We offer a very handsome nicely marked son of King Pontiac Boon Lilith, born March 15, 1918. King Pontiac Boon Lilith, one of the best individual sons of King of the Pontiacs is from a 30-lb. daughter of Lilith Pauline De Kol's Count. The dam of the bull is Tehee Cornucopia, a 25-lb. daughter of Aaggie Cornucopia Johanna Lad and the second dam a 27-lb. daughter of old Paul Beets De Kol. On top of all this breeding you will find no less than 5 century sires in this bull's pedigree. A real high class bull at a bargain price of $300.

A. W. BROWN & SONS
West Winfield, N. Y.

FOR SALE

4 heifers 2 years old, 6 heifer calves and 2 male calves—all by 30-lb. sire and dams from 25 to 32 lbs. On account of being crowded for room, will make low price on them.

J. W. GARVEY Thayer, Ill.

Here They Are For $500 Each

A grandson of Colantha Johanna Lad, dam 25½ lbs., sire 31-lb. son of Hengerveld Homestead De Kol, age 16 months. Also a 14-months-old great grandson of Aaggie Cornucopia Pauline. His dam has 31.12 butter and 610.50 lbs. of milk. We also have a well bred three-year-old that we will sell at a very low price.

Write for pedigrees.

EAGLE BAY FARM Silver Creek, N.Y.
F. A. House, Supt.

33-LB. BULL

Ready for Heavy Service

HAROLD F. HUBBS
KIRKVILLE NEW YORK

GOLDEN OPPORTUNITY

On account of poor health we offer for quick sale

Orchard Grove Farms

Consisting of 110 acres, located in rich farming district, well watered, very productive, nearly all under cultivation; together with 10 head pure bred registered Holstein cattle.

Price low for quick sale.
Any reasonable offer considered.

WILLIAM W. SHANNON
HILL CREST FARM
Carthage, Jefferson County, New York

BULL CALF
Born March 10, 1918

A fine individual from a good record dam that is also a great yearly producer.
Sire: FAIRMONT PONTIAC ALCARTRA KING. A son of King Segis Pontiac Alcartra and Tiny Fairmont Hartog Pauline, a cow that has three times made better than 32 lbs. with 33.07 lbs. from 645 lbs. milk as her best record.
Dam: CARRIE PET DE KOL CALAMITY 2d with a record of 25.5 lbs. butter from 551 lbs. milk. She is sired by a son of Vale Piebe De Kol. Her dam is Carrie Pet De Kol Calamity with a record of better than 23 lbs. butter from over 550 lbs. milk.
Here is a crackerjack bull for someone.

MAPLE KNOLL FARM
H. D. SEELY — Goshen, N. Y.

GRANDSONS OF K. P.

From good A. R. O. dams and by one of the best individual sons of King of the Pontiacs. They have real quality and are priced right. For information address

Chas. K. Record & Son
Peterboro, Madison Co. — New York

NOW READY FOR SERVICE

a few sons of TIDY ABBEKERK PRINCE from good dams. These are the last sons from that famous sire.

Henry Lathrop & Sons
Sherburne, New York

"BULL CALF"

Born June 15. Dam, Lockhart Bessie De Kol 2d No. 150641, milk 583.6, butter 24.85 at three and one half years. Sire, Lockhart King Lilith No. 203078, his dam 31 lbs., his sire's seven nearest dams all 30 lb. cows. Calf is a nice individual, little over one half black, good size. Price $100.00 if taken at once.

One other born March 16, 1918, from same sire. Dam an 18 lb. three year old. Price $125.00. Very light in color. Will be tuberculin tested, crated and delivered at Solsville with papers.

EUGENE LaMUNION, Prop.
LaMunion Holstein Farm, Solsville, N. Y.

NICE LITTLE BULL CALF

Born Oct. 15, 1918. More than ½ white. Dam a 27.5-lb. with a 60 and 30 day record and 4 good A. R. O. daughters. Sire a son of JUDGE LYONS, whose 10 nearest dams average 99.8 lbs. milk per day. 7 nearest dams over 32 lbs. butter. Price $100. Check or Liberty Bond.

JOHN J. WALRATH,
East Springfield, N. Y.

NUWAY

Offers for sale an exceptionally well bred calf. Born April 1918, light in color, sired by K. K. S. V. Pontiac whose 6 nearest dams average over 33 lbs. butter in 7 days. Dam's record 20.78 as junior 3-year-old.

Price $250, with all papers, crated, F. O. B.

D. W. MORRIS & SONS
West Winfield, N. Y.

HOW WOULD YOU BETTER THIS COMBINATION?

A son of King Korndyke Sadie Vale Wayne and **Finderne Wayne Pontiac,** a 25.55-lb. junior 2-year-old daughter of Gordon Glen Pontiac, from a 27.02-lb. daughter of Lord Netherland De Kol, and individually one of the finest cows you ever saw.

King Korndyke Sadie Vale Wayne is a son of King Korndyke Sadie Vale, from a 29-lb. daughter of Sir Veeman Hengerveld.

The four nearest dams of this calf average over 30 lbs. butter.

We have other very choice youngsters at reasonable figures.

JABEZ SMITH & SON — **Newark Valley, N. Y.**

THE FIRST TWO TESTED

The first two daughters of Waconda Sir Cornucopia Korndyke 113684 to be tested have made as follows:

No. 1—at 1 year 11 months 6 days, who dropped a calf at 7 months, has a record of 21.67 lbs. butter and 373.7 lbs. milk in 7 days, with 4.64 per cent fat.

No. 2—at 2 years 2 months, has a record of 17.365 lbs. butter and 338.2 lbs. milk in 7 days, with 4.1 per cent fat.

Owned by DAVID B. H. DALRYMPLE, Otselic, N. Y.

L. D. UPHAM, Lebanon, N. Y. — C. S. HOLCOMB, Plymouth, N. Y.

THE GREATEST BULL ON EARTH

SIR ORMSBY SKYLARK—He Sired the Champion Record Cow of the World, Duchess Skylark Ormsby

Sons of Sir Ormsby Skylark from high testing dams for sale. Will also sell my four-year-old junior herd sire, 35-lb. son of Johanna McKinley Segis and Pearl Ormsby Burke.

MAXWELL FARMS — **Waterloo, Iowa**

The North Star Herd
STATE AND FEDERAL ACCREDITED

Bull calves by a sire with an average of 32.56 lb. butter for his two nearest dams and from cows noted for Family, Form and Fulfilment.

W. S. MOSCRIP — Lake Elmo, Minn.

COLLEGE KING SEGIS ALCARTRA 206680

Herd Sire of U. College Holstein Farm

As an individual he has no superior. As to breeding and pedigree but few equals. His sire the great $50,000 bull. His dam a 35.61-lb. former world's record four-year-old. ONLY THREE BULLS LEFT. From excellent A. R. O. dams. Just coming into service. Conformation and breeding right. If you want one of these you will have to hurry.

Harvey A. Morrison, President — **UNION COLLEGE**, College View, Neb. — Chas. Williams, Herd Supt.

RENGEDYKE FARM

EUGENE D. HOFELLER
Home of
TIDY ABBEKERK PRINCE 16th

Farm at Water Valley, N. Y. — Business Office Marine Nat'l Bank Bldg., Buffalo, N. Y.

EVERY BREEDER SHOULD READ THIS

Lakeside Stock Farm now offers six grand bulls of various ages, from dams with A. R. O. records of 30 to over 35 pounds, also several others as good from dams with records as large, aged considered.

All are of the highest individuality, best type, excellent breeding for several generations.

The Lakeside Herd was the first in America to make a specialty of breeding for the highest individuality, with the largest production, straight top lines, perfectly shaped, well balanced udders, a high per cent of butterfat under normal dairy conditions, handsome markings and marked uniformity.

The Netherland, Aaggie, Clothilde and Albino families, each of which led the dairy world in their time, for both milk and butter production and some of whose records have never been equaled under similar conditions, were developed and made their world's records in the Lakeside Herd. Their descendants still constitute the leading factors in the herd.

More than four-fifths of all the cows in America which have made butter records of 30 to 50 pounds trace their origin to these families.

They possess all the most desirable, indispensable qualities of the breed.

E. A. POWELL

904 W. Genesee Street **Syracuse, N. Y.**

---

12 Unbred Yearling Heifers

Finely marked, white predominating. Veeman Pontiac and Korndyke breeding. Also 8 finely marked heifer calves, from a 33-lb. bull, Pontiac and Korndyke dams.

O. B. Mowry, Mexico, N. Y.

PEDIGREES and SALE CATALOGS
Compiled from our proven satisfactory system.
Herd Registers
Certificate Envelopes
Booklets : Circulars : Stationery
Special Art and Sign Department
Send for samples and prices
Live Stock Printing Company
La Grange, Illinois

TWO FOR $500

Bull ready for service; dam of sire holds world's record for milk and butter, 47 lbs. butter and 801 lbs. milk in seven days. Also two-year-old heifer by a sire who has a 40-lb. and a 32-lb. daughter. Heifer in calf to a 30-lb. grandson of Pontiac Korndyke. Good individuals, nicely marked.

JOHN WHALING & SONS
Carthage, N. Y.

SIRED BY A 33-LB. SON OF IT

Here's a youngster born September 20, 1918, more black than white and a great bred one. He is sired by IT REUBEN PONTIAC a son of It and K P Ruby Pietertje a 33-lb. daughter of King of the Pontiacs. The dam of this calf is untested but is sired by a 24-lb. son of King of the Pontiacs from a 20-lb. cow. Price $50. Better write today if you want him.

J. G. KERRICK Towanda, Penna.

TWIN SONS OF

King Korndyke Veeman Vale

112926

Every drop of whose blood carries an inheritance of GREAT PRODUCTION and SPLENDID TYPE, and who has proven his ability to transmit both in a remarkable degree to his offspring.

The dam of these young bulls has a record of 25.79 at the age of 3½ years. Here is QUALITY at a reasonable price. Soon old enough for service. Write for particulars.

P. R. Crothers & Son
Badger, S. Da.
F. E. Johnson, Hetland, S. Dak.

---

10 HEIFER CALVES--$100 to $125 EACH WHILE YOUNG

Handsomely marked fine individuals. Sired by my $3000 son of the world's famous bull, King Segis Pontiac Alcartra, the $50,000 bull from a $1950 daughter of the great century sire, Sir Veeman Hengerveld, sixteen 30-lb. daughters.

Dams of calves are fine large cows of world's record strains, weighing from 1200 to 1600 lbs. each Many have A. R. O. records. Herd tuberculin tested. Send for list of pleased customers and pedigrees. Express paid. Safe arrival guaranteed.

Bull calves $75 up. Cows bred to the above bull $300 up.

FAR VIEW FARMS Tyler Hill, Pa.
C. D. Fortnam, Prop.

LORENZO FARM BULLS

SIRED BY LORENZO PONTIAC KORNDYKE (son of Pontiac Korndyke, from a 31-lb. daughter of Pontiac Korndyke) from dams with records of 24 to 27 lbs.

SIRED BY LORENZO KING OF THE PONTIACS (son of King of the Pontiacs from a 23-lb. daughter of Johanna Rue 3d's Lad; 2d dam a 30-lb. daughter of a 23-lb. cow) from dams with records of 22 to 27 lbs.

The best breeding the breed has ever known at prices that mean quick sales.

LORENZO FARM

CHAS. S. FAIRCHILD, Prop.
E. C. HAVENS, Supt.
Cazenovia, N. Y.

In Service at

GRAHAMHOLM

Sir Winana Beets Segis

Two 30-lb. daughters, one with 35.38 lbs. He is a brother to the sire of the only 50-lb. cow and the only 46-lb. heifer. He is a son of the Great King Segis.

Write us for bulls of this breeding. Address

W. J. BOYNTON, Mgr.
Rochester, Minn.

FOR SALE

A carload of fine registered Holstein cattle at reasonable prices. Fifty head to select from. Senior sire, King Prilly Konigen, son of Diona Konigen Pietertje, 37.44, a brother of K. P. Diona Pietertje, 40.12. Junior sire, King Korndyke Pietertje Veeman, a son of King Korndyke flake Pontiac, an A. R. O. granddaughof Sir Veeman Hengerveld.

F. A. TINKER Herkimer, N. Y.

A Grandson of King Segis Pontiac Alcartra

A beautiful individual calf, born in October, ¾ white, sired by King Segis Alcartra Pontiac, a 32-lb. son of the $50,000 bull. The dam is Sunnycroft Snowflake Pontiac, an A. R. O. granddaughter of King of the Pontiacs.

Price $50. Act quick if you want him.

Sunnycroft Herd

C. B. Marshall

Morrisville New York

THE MADISON-CHENANGO COUNTIES
HOLSTEIN-FRIESIAN BREEDERS CLUB
The Hub of the Hub for Healthy Holsteins

H. C. Wood, Sec.-Treas.
Morrisville New York

Up-to-date

Typewritten Pedigrees

One Dollar Each
Sale Catalogs, $2.60 per page
For three hundred copies

Give name and number of sire and dam of animals having numbers above 391566 in cows and 216625 in bulls.

F. G. JOHNSTON
37 W. Lane Ave. Columbus, Ohio

Only One Bull For Sale

And he is a Corker. Sire, a son of a world's record cow, 35.61 lbs. in 7 days; dam, daughter of Aaggie Cornucopia Johanna Lad, with 7, 30-day and yearly records. Averages over 30 lbs. for two nearest dams. Over 16 months old, ready for hard service. Have been holding him at $350. Too much bull not to be heading a herd. Can you use him at $200?

CLOVERDALE FARM
C. S. Lunt, Owner Charlotte, N. Y.

Now Quick For A Bargain

Heifer calf born April 16, 1918. 80 per cent white. Sire a 27-lb. son of Rag Apple Korndyke 8th. Dam a very fine persistent granddaughter of Sir Veeman Boon, a 22.93-lb. son of Sir Veeman Hengerveld. First check of $125.00 buys her crated F. O. B.

F. H. JUDD Linden, N. Y.

AUCTIONEERS

Another World's Record

It has recently been reported among Holstein breeders that the Auctioneer's Long Distance Record is in danger of being set at a new mark. Freshening for his twentieth year of active service in Holstein sales, the record is now being challenged by

B. V. KELLEY
Syracuse New York

Auctioneer

A lifetime's experience with Holsteins and selling sales all over the United States and Canada. "That's Us." Perhaps we can make you a Dollar.

R. E. HAEGER
Algonquin Illinois

AUCTIONEER

Satisfied customers my best advertising. Write or wire early for dates, as I sell nearly every day during the sale season.

GEORGE W. BAXTER
Elmira, N. Y.

WHITE

knows pedigrees, values, individuality and the buyers. His knowledge and services are at your command. Good in Box, Ring or anywhere you put him.

Roy L. White, Woodstock, Ill.

"THINK"
COL. D. L. PERRY
The Holstein Auctioneer
I also sell satisfaction
COLUMBUS, OHIO

THE HIGH DOLLAR
For Your Holsteins With
J. E. MACK
Ft. Atkinson, Wis.
IN THE BOX

Go Over the Top With Your Holstein Sale
HESS & HAMMOND
AUCTIONEERS
C. M. Hess, Akron, O.
H. C. Hammond, Copley, O.

W. H. KRAUSE
Wisconsin's Live Wire in Holstein Sales
Write for dates
THORP, WISCONSIN

AUCTIONEER
Livestock
BLACK AND WHITE SPECIALIST

With years of successful selling experience which will assure you of satisfaction and greatest efficiency at your sale ring if you place your dates with

C. FRED PARSONS Oswego, N. Y.

Bull Calf—Born April 16, 1918

Sired by Sir Korndyke Pontiac Artis Jr. with 17 A. R. O. daughters up to 31 lbs. as 3-year-olds. He by Sir Korndyke Pontiac Artis (8 30-lb. daughters) from Maud Veeman Hengerveld, a 30-lb. daughter of Sir Veeman Hengerveld.

Dam of calf is Colantha Lillian Walker with 24.92 of butter from 572.5 lbs. milk. She by Colantha Johanna Lad (20 30-lb. daughters) from Lillian Walker 3d (28.74 lbs.). She by Sir Korndyke Manor De Kol from the famous Lillian Walker (24.04 lbs.). Every dam in this pedigree is above 24 lbs.

WALLACE HOLSTEIN CO. Wallingford, Conn.

Blemished A. R. O. Cows For Sale

We offer two blemished cows with A. R. O. records of 25 and 27 lbs. butter, bred to the only bull whose seven nearest dams are all 30-lb. cows. Priced to sell.

CRESDALE FARM
Vernon, N. Y.

7-8 Holstein Heifer Calves
$20 to $25 Each

SPOT FARM

Express paid in lots of 5. 16 Registered Heifers bred, 17 unbred, 18 cows, ½ from A. R. O. dams. 21 registered bulls 10 to 18 mos. old, 50 grade two-year-old heifers. 25 grade cows due in spring. 25 close springers must be sold to make stable room.

JOHN C. REAGAN, Tully, N. Y.

GIVE THIS THE ONCE OVER

Just Bulls? NO, REGULAR BULLS. Sire, a 34.49-lb. son of S. P. M. and he's got a 42.31-lb. sister. Dams, daughters of Colantha Johanna Champion, a son of Colantha 4th's Johanna, 35.22 lbs., and the only cow with all world's records. Sure champions. Got 30-lb. daughters, five of 'em. World's records in their pedigree and you don't have to hunt to find them, either.

W. J. Gillett & Sons "HOME OF THE JOHANNAS" Rosendale, Wis.

CAN YOU BEAT IT IN IOWA?

Herd sire, Tall Oaks Pontiac Korndyke—47 per cent of the blood of Pontiac Korndyke; 56.25 per cent same breeding as Pontiac Clothilde De Kol 2d

TALL OAKS FARM Myron E. Talcott **Randalia, Iowa**

Bargains in Females

We offer some special bargains in females bred to **King Model.** We are short of help and want to sell a few.

H. PERKINS & SON Red Creek, N. Y.

HEIFER AND BULL CALVES

Conditions compel us to offer nearly our entire crop of calves both male and female. Many of them sired by a son of King of the Sadie Vales and descendants of K. P. Pontiac Lass on their dam's side. Some of them have yearly record backing. A great opportunity for one wishing to purchase a number of heifer calves all by one sire.

PRICES REASONABLE, BREEDING CONSIDERED
No bulls of service age to offer.

IRVING N. ROE Branchville, N. J.

A Show Bull Sired by King of the Pontiacs

We offer our herd bull, King Pontiac Charity Beets, a 4-year-old son of King of the Pontiacs, from Charity Beryl Beets, a 19.45-lb. granddaughter of Beryl Wayne's Paul De Kol. He is a sure server, a fine individual weighing over a ton. Also have several of his sons from good record dams. Price for quick sale. Photo on request.

BELLEFONT FARMS
PATTERSON & DICKINSON Bellefontaine, Ohio

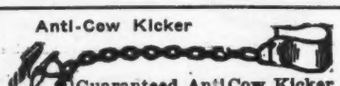
Just the Bull You Have Been Looking For—A show animal, 2 yrs. old, kind and gentle. Handsomely marked, largely white with strip on face. His sire is a young bull with 8 A. R. O. daughters; is out of a 37-lb. sister to Rag Apple Korndyke 8th. Own dam a fine, square individual, with perfect udder, well placed teats, splendid veining or the nicest cow to milk you ever sat under. We made 27 lbs. as a 4-yr-old on her last February and feel we can easily beat 30 next time. If you want a sire that will get quality or type along with the best blood lines or big production here is your chance. Price $500; guaranteed right. **Archie Reid, Janesville, Wis.**

Zuyderz Superior Vander Lei

Born Sept. 10, 1917, from a granddaughter of Hengerveld De Kol and backed by Colantha Johanna Lad, Blanche De Kol Hengerveld, 33.20. Pietje 22d, 31.62, Colantha 4th's Johanna, 35.22, and Pietje Vander Lei Lad, the 5.06 per cent fat bull. Won't last long at the price.

ZUYDERZ HOLSTEINS **L. B. TAYLOR** Lake Mills, Wis.

Anti-Cow Kicker



Guaranteed Anti Cow Kicker. Only device for breaking heifers or vicious kickers. Indispensable when treating sore teats or udders. Money refunded if not satisfactory. Parcel Post $1.25. The Moore Bros. of Albany, N. Y. 149 Hudson Ave.

Registered Holstein Females

For Sale. Young cows, right in every way, tuberculin tested, to freshen this fall and early winter. Herd sire, Sir Korndyke Segis Beets 4th, from 27-lb. dam, average per cent fat 4.29. Also, daughters of above sire, from one month to two years.

C. E. MOON, R. F. D. 3, Canastota, N. Y.

2 HEIFER CALVES 2

Both are daughters of King Hengerveld Model Fayne Bawn, a son of King Hengerveld Model Fayne and Princess Pietertje Bawn De Kol, a 28.65-lb. daughter of Flint Prince. No. 1 is from an A. R. O. granddaughter of King of the Pontiacs and No. 2 is from a daughter of Segis Hengerveld De Kol who was by a son of King Fayne Segis. Price on No. 1 is $80 and on No. 2 $75. Registered transferred and crated. Satisfaction guaranteed.

Joseph F. Schmit
R 3 Brooklyn Station
Cleveland Ohio

Blue Book

To Make a Real Success of His Business a Holstein-Friesian Breeder Must Have the Blue Book

Do you want to succeed in the business of breeding Holsteins? If you do, you need the Blue Book. Do you wish to aid in the improvement of the greatest dairy breed on earth? If you do, you must have the Blue Book. All experienced breeders consider the book indispensable in tracing the breeding and relationship of Advanced Registry animals, and no other kind should head your herd.

The 29th volume will be ready for distribution in November, and will contain about 1,500 pages of condensed information relating to Holstein-Friesian cattle. The official name of the book is the Advanced Register Year Book, and the price of the 29th volume is $2.25 per copy. We have yet a very few copies of the 24th volume, and a limited supply of volumes 25, 26, 27 and 28. These back volumes, except the 28th, may be had at $2.00 per copy while they last. The price of the 28th volume is $2.25 per copy. Subscribe now for the 29th volume, and be among the first to receive it. Send all applications with price to

M. H. GARDNER, Supt. A. R.
Delavan, Wis.

Bulls—Bulls

all ages

Johanna and Ormsby breeding
Plenty of individuality
Unusual values
Satisfaction guaranteed or money refunded.
Send for pedigrees and details.

Pinehurst Dairy
Sheboygan Falls, Wis.

CATTLE BEETS FOR SALE

DEAN M. BARBER
Skaneateles, N. Y.

AUCTIONEER

For an auctioneer and one that knows values of both purebred and ordinary livestock, write or wire me early for dates as I sell 95 per cent of all sales in this section of the country.

F. H. HEMBROOK Chetek, Wis.

4.83% Fat

is the average of the fifty nearest female relatives of my herd sire, **Long Beach De Kol Korndyke**, No. 85196, whose dam has the following records:

Butter 7 days	30 lbs.
Per cent fat	5.53
Butter 30 days	121 lbs.
Per cent fat	4.98
Butter 7 days (8m division)	23 lbs.
Per cent fat	5.43
Butter 1 yr.	1226 lbs.
Per cent fat	4.59

These records make her the highest testing cow of the breed.

His first ten tested daughters average 4.4 per cent fat, which makes him the highest testing bull of the breed. His baby sons from yearly record cows for sale at $100 and up. Will sell on time or trade for Liberty Bonds.

O. I. C. pigs for sale

David Falconer
Scottville Michigan

WANTED

Beets for testing. Quote price and quantity for sale.

E. C. BRILL
Stewartsville N. J.

ADVERTISE

in the

Holstein-Friesian World

Canada Breeds The Best

If You Want More Like
Carnation King Sylvia
The $106,000 Bull
or
Het Loo Pietertje
The $12,750 Heifer
Why Not Go
Where the Top-Notchers are Produced

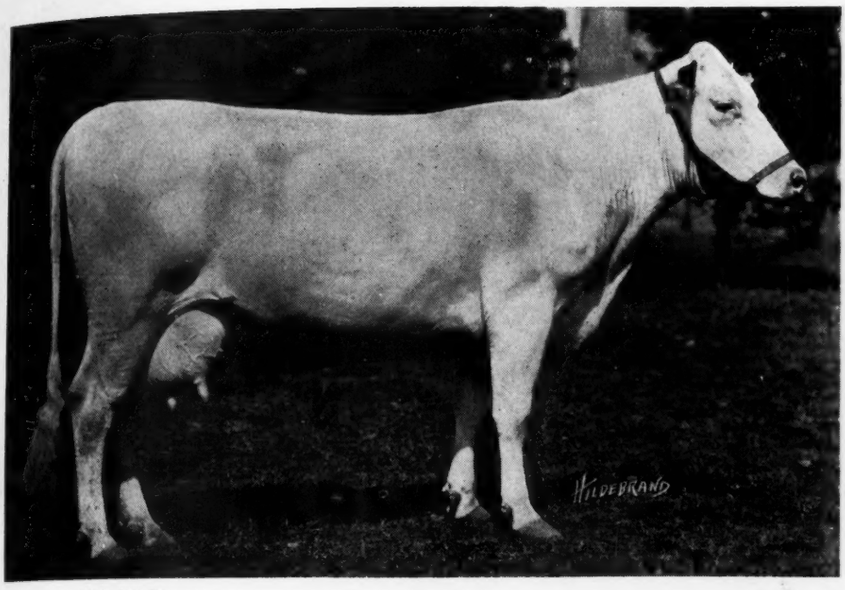
All information from the Holstein-Friesian Association of Canada.

President—Dr. S. F. Tolmie, M. P., Victoria, B. C., Canada.
Secretary—W. A. Clemons, St. George, Ont., Canada.

A. R. O. COWS AND HEIFERS

We need more room in our barns and so have to offer a number of cows and heifers for sale. They are backed by several generations of A. R. O. records. Some have records in pedigree up to 41 lbs. butter in 7 days. Most of them are bred to our great King Korndyke Veeman whose two nearest dams average over 37 lbs. butter in 7 days. Write or come and see them.

WISCONSIN STAR STOCK FARMS **Edwin M. Schultz** Hartford, Wis.



A SECOND REVIEW OF

AMERICA'S QUALITY HERD

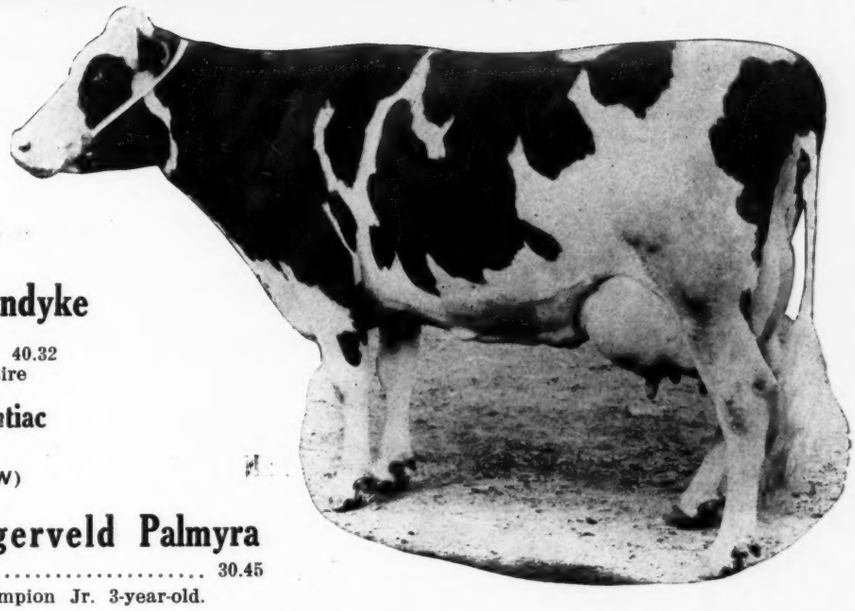
THE

BELL HERD

(ABOVE)

Lucile Inka Segis

Butter 30.53



(CENTER)

Mabel Segis Korndyke

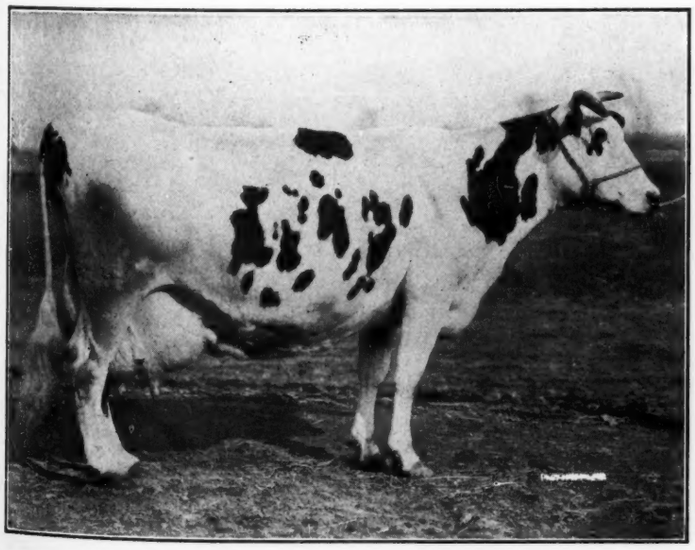
Butter 40.32
Dam of our herd sire

King Valdessa Pontiac

(BELOW)

Bloomingdale Hengerveld Palmyra

Butter 30.45
Dam of the World's Champion Jr. 3-year-old.



Type—Individuality —Producing Power

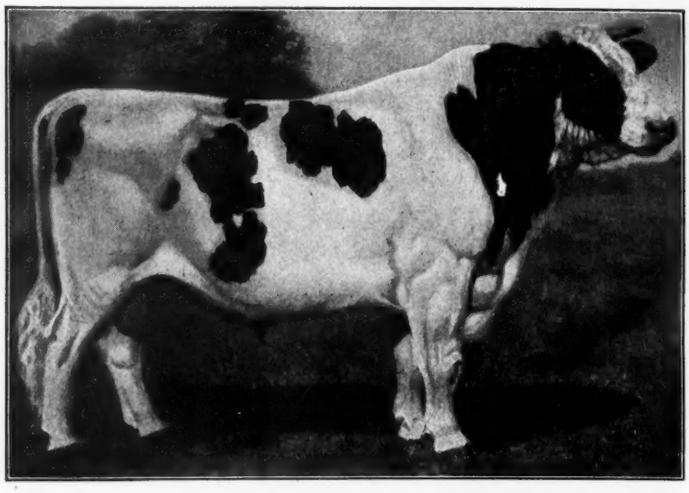
"The Utmost in Quality Holsteins"

A Breeding Herd A Healthy Herd

Bell Farm Herd

JOHN A. BELL, Jr.. Owner
Coraopolis, Pa.

The 40 lb. Sire That Has Made Good



King Segis Pontiac Konigen

His first 16 daughters tested average over 22 lbs. of butter and nearly 500 lbs. of milk.

Here is your opportunity to secure one of His best bred sons!

DUTCHLAND KONIGEN SIR PIETERTJE

was born August 3, 1918. He is well grown, light and handsomely colored, and individually leaves nothing to be desired. The price is $1000.

His Sire

KING SEGIS PONTIAC KONIGEN will be remembered not only as the highest priced Holstein bull in the world at private sale but as the son of the greatest daughter of King of the Pontiacs (the only double century sire). His dam, K. P. Diona Pietertje, made over 40 lbs. of butter in 7 days and milked as high as 125 lbs. in a day. The grandams of King Segis Pontiac Konigen are both 37-lb. cows—one being Pontiac Clothilde De Kol 2d, the former world's champion for seven-day as well as yearly production (recognized as one of the breed's greatest cows); and the other, Diona Konigen Pietertje, the second greatest producing cow in the world, as she already has a 40-lb., 36-lb., 27-lb. first-calf daughter and another good one to be heard from.

His Dam

DUTCHLAND HENGERVELD ARTIS already has 29.45 lbs. of butter in 7 days (should increase this at next calving) and 115 lbs. in 30 days from 2251 lbs. of milk. The second dam is one of the good daughters of De Kol 2d's Butter Boy 3d with 21 lbs. of butter from 549 lbs. of milk and the next dam is a splendid 20-lb. daughter of Paul Beets De Kol. Dutchland Hengerveld Artis is a good daughter of Dutchland Sir Pietertje Hengerveld (and a granddaughter of CHANGELING). Her sire with limited opportunity and only about 20 tested daughters already has 4 over 30 lbs. and several others that should cross the 30-lb. mark this winter.

This is your opportunity to own a Konigen son for $1000 whose two nearest dams average almost 35 lbs. of butter from over 660 lbs. of milk—a bull that combines closely the blood of five century sires. We had three buyers for the bull recently advertised—**two were disappointed.**

FRED F. FIELD
DUTCHLAND
MONTELLO STATION

HOLSTEIN CO.
FARMS
BROCKTON MASS.

"THE HOME OF PRODUCING DAMS"